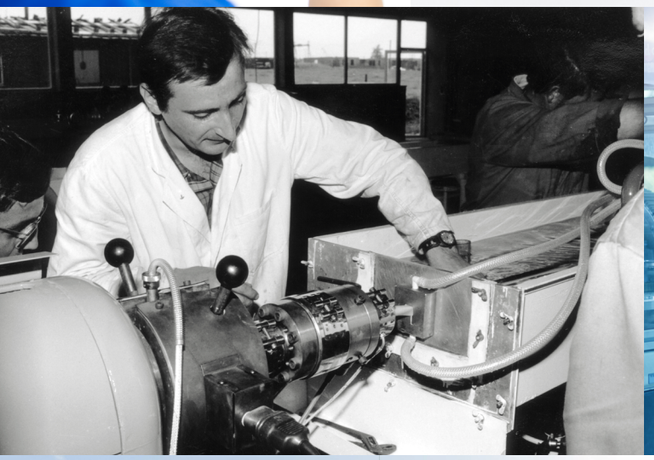
TECHNOFORM

Standard profiles 2025

Insulation solutions for windows, doors, and facades.



Standard profiles for windows, doors, and facades

Find your perfect match – our standard profile solutions

Our standard offering comprises more than 800 freely available geometries for varying markets and needs. High quality solutions can be created using the insulating profiles in the standard program. All serial products can be rapidly supplied in any length and quantity to any location in the world, thanks to our global network of 13 production sites and more than 45 sales offices. Our specialists will gladly assist you with your project from the planning and development stage up to the finished product.

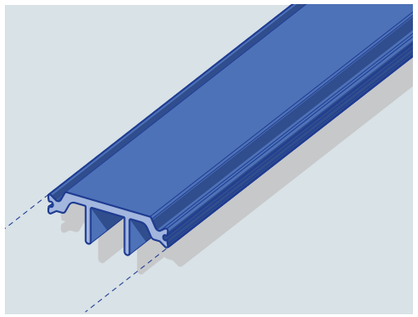
Low Lambda Polyamide – thermal break has a new value

On the path towards an optimized Uf value, we have also developed a new standard: our Low Lambda Polyamide. With this innovation we can now offer you two possibilities to match your requirements. Choose between a reduced Uf value by maintaining the same frame size or a smaller frame while leaving the Uf value unchanged.

The material and information contained in this catalogue are for general information only. Technoform offers you advice concerning any doubts or queries before making commercial decisions based on the information in this catalogue. Technoform changes design and functionality of certain products through continuous innovations and improvements. Thus, Technoform reserves the right to change descriptions any time and discontinue or withdraw any particular product during the year of validity of this catalogue, without any prior notice. Technoform declines any responsibility for any possible inadvertently caused inaccuracies or omissions in this catalogue and the consequences that these may cause.

Our materials - always rely on the best

When it comes to our materials, you can be assured that we are only satisfied with the best. Thus, we offer a major material variety to find the perfectly tailored solutions for every project. High precision for processing, compatibility, environmentally friendly production and best mechanical performance are just some of the characteristics you can rely on.



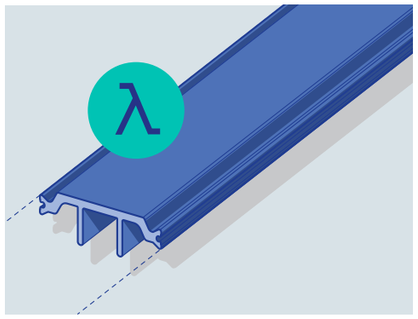
Standard Polyamide /
PA 66 GF25, dry impact resistant

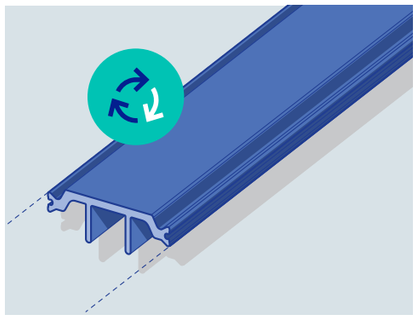
With our standard polyamide-based material we guarantee unlimited availability and recyclability as well as excellent performance to match your needs.

Low Lambda Polyamide

With our innovative Low Lambda polyamide-based material you get a certified and reliable Lambda value of 0.21 W/(mK)* and with it the best all around solution.

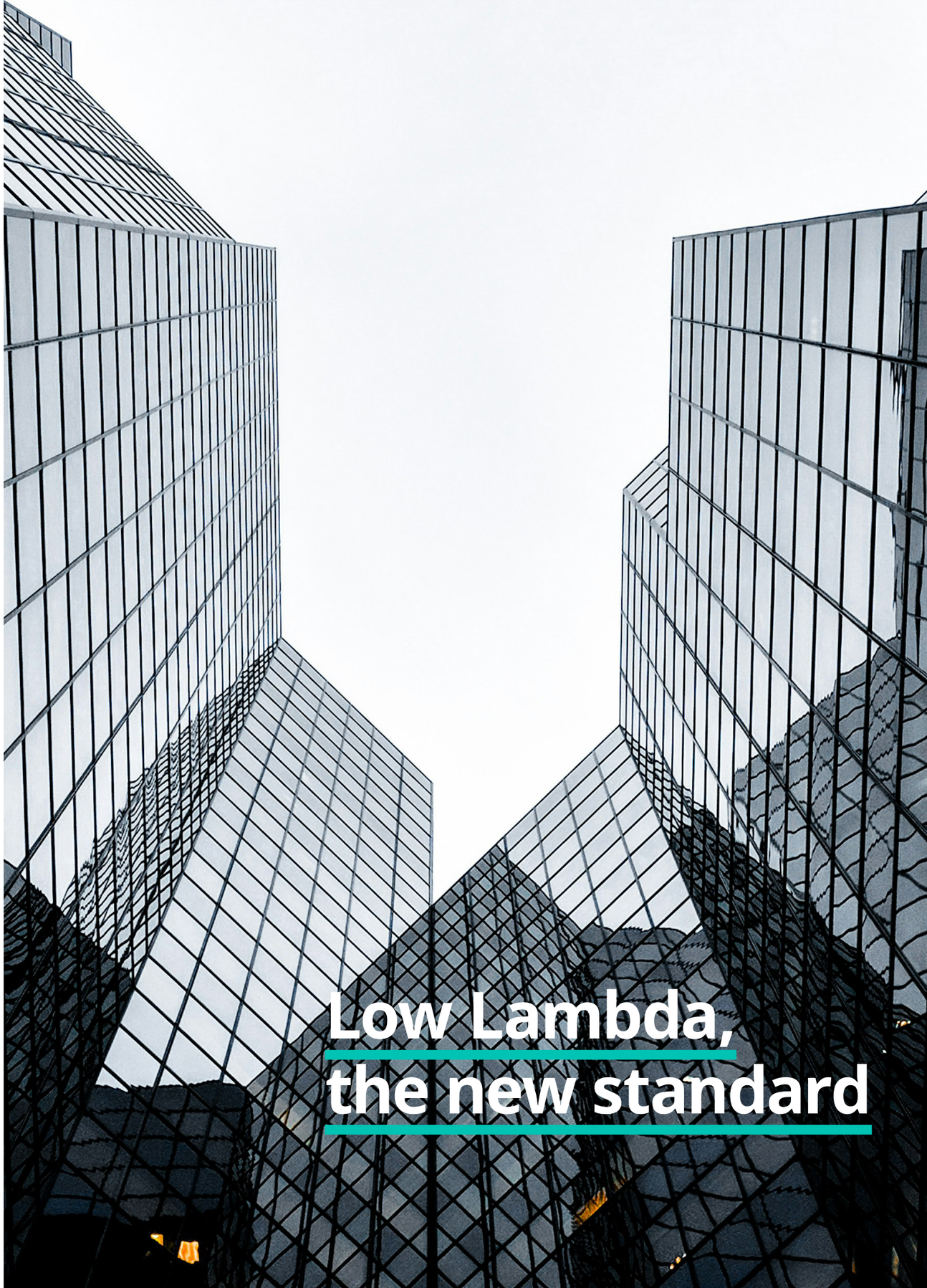
* 0.198 W/(mK) under ASTM C518-17, Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus





Recycled Polyamide

To take a step further in the increased use of eco-friendly materials, we offer recycled polyamide-based material that fulfills our high quality and processing standards. This includes both Standard PA 66 GF25 and Low Lambda options, ensuring a versatile range of sustainable solutions tailored to your needs.



Standard profiles Low Lambda Polyamide

Our profiles are extruded in Low Lambda PA 66 GF25, dry impact resistant.

000000 Article Number / 000000 New Article /
*Article production in America or Asia / #Head not compatible to Standard Groove

12 mm

839200

16 mm

855400

856000

20 mm

824300

835200

830600

834600

842700

845700

829300

22 mm

817700

847500

842300

818000

23 mm

833100

24 mm

842400

853300

804100

828300

833800

842200

866000

829400

813900

847700

854100

834000

24 mm

853400

828200

848600

852900

804200

811000

854700

858500

858400

850800

845600

847600

24.8 mm

829200

855300

857600

855200

858800

863700

857500

26 mm

824200

859700

27 mm

854800

28 mm

863800

809700

806100

850300

803300

805900

850400

809600

803200

859800

29 mm

815200

824100

824000

Standard profiles Low Lambda Polyamide

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000000 Article Number / 000000 New Article /
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30 mm

846500

800200

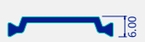
809800

860000

32 mm

823600

861700



803000

851700

803100

806300

34 mm

821100

807600

849100

802200

857900

800900

833300

811800

823800

833200

862200

835300

838700

831400

802800

838600

855100

813300

866100

811500

813200

825300

838500

849200

35 mm

816900

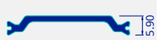
36 mm

809900

840200

851600

37 mm



829900

813700

38 mm

863900

843600

808000

39 mm

810800

827300

801600

842000

827200

805100

801500

842100

821300

827100

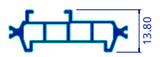
855500

801400

39 mm

823400

805000



800800

40 mm

841900

806400

865600

Standard profiles Low Lambda Polyamide

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000000 Article Number / 000000 New Article /
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42 mm

806800

862500

849900

845400

862400

840000

840100

835700

835600

839900

849800

862600

44 mm

810700

863500

863600

45 mm

808100

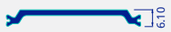
46 mm

852600

48 mm

861900

50 mm



812800

854000

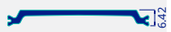
54 mm

812600

812500

822900

55 mm

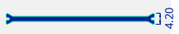


833500

58 mm

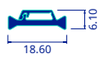
862000

60 mm



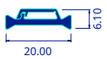
862100

Anti bi-metal



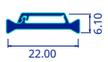
835800

810000



850900

824600



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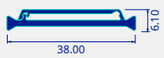

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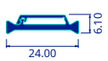

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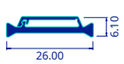

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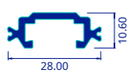
Profiles for sliding doors

863000

863400



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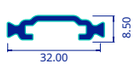

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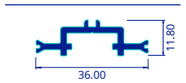
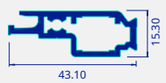


843500

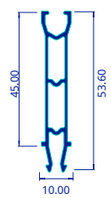
Hidden sash

859600



864000

Curtin wall spacers



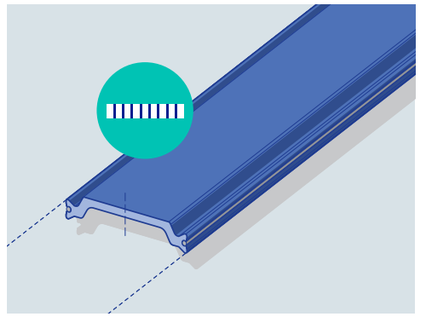
860900

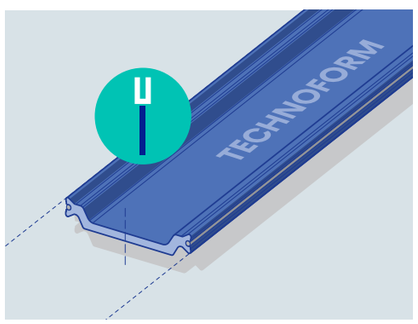
Our principle: we optimize your processes and you have more time for the important things

Insulation for aluminum windows, doors, and facades can always be optimized and improved to hit peak performance. Our specialized processing methods can streamline your workflow and leave you to focus on the rest.

Glue wire

If you need to add extra steps to your production process, we know that this can be a drain on time and money. Adding glue wire to a profile reduces the loss of shear strength due to powder coating, and we can pre-install it for you, meaning no extra processes or added headaches on your end.



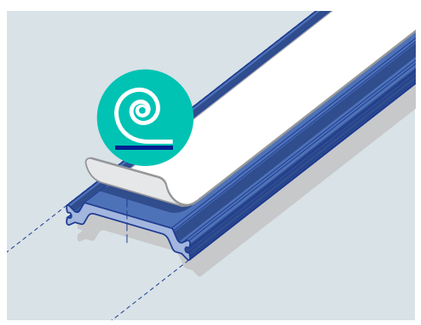


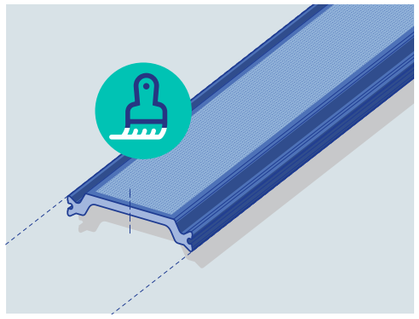
Lasermarking

Sometimes it's little touches that add quality and functionality to a product. By having your profiles lasermarked, you can increase your brand visibility, adding value to your products, or simply make them easier to trace for improved logistics and quality control.

Adhesive film

Maintaining the visual appearance of a smoothly produced profile presents a different aesthetic challenge. Supplying profiles with an adhesive film already applied protects them during the coating process, and means they remain looking as smooth and high-quality as they did when they left the plant.





Coating Prime

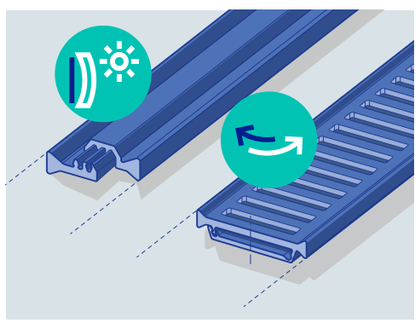
Achieve an excellent surface finish in polyamide coating by optimizing powder paint deposition while maintaining the low thermal conductivity of polyamide.

Coating Prime enhances paint adhesion to polyamide, increases the attraction of powder paint, and reduces bubble formation during the curing process.

Your challenge is our motivation

Solutions for sliding windows and doors

Sliding windows and doors are popular in modern architecture for their aesthetic appeal and functionality. Achieving thermal optimization, visual minimalism, and smooth mechanical operation requires precise manufacturing. Technoform profiles are crafted with tight tolerances, exact geometry, and smooth surfaces for friction-free movement.

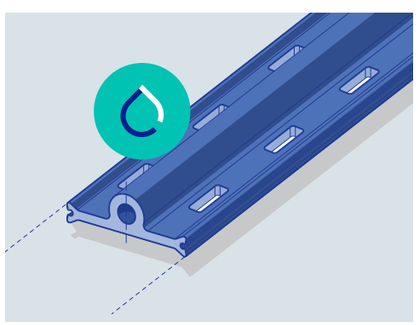


Anti bi-metal

The so-called bi-metallic effect occurs when there is a large difference in temperature between the inner and outer frame of a door. The outer frame expands and can cause distortion of the door and locking difficulties. Our solution allows the outer frame to expand with only minimum effect to the fit of the inner frame, meaning it continues to function as normal.

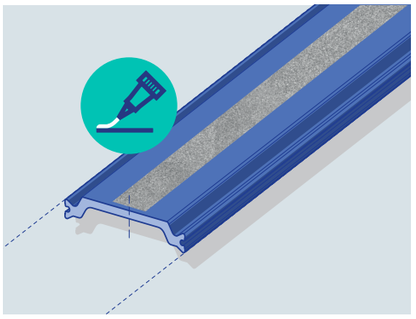
Drainage

French NF DTU 39 P1-1 regulation stipulates that windows must have drainage holes for water to filter through the profiles. By supplying profiles with drainage holes means that fabricators do not need to drill these holes themselves, thereby adding value to the product they sell.



Adhesion Prime - the ultimate solution for Polyamide-to-Material bonding

The bonding of components in aluminum windows with thermal break is a critical process for system manufacturers, designers, and installers, demanding precision and reliability. To address this challenge, Technoform has introduced Adhesion Prime, an innovative and patented solution designed to significantly enhance the adhesion properties of polyamide. This breakthrough ensures a superior bond between the adhesive and the substrates.

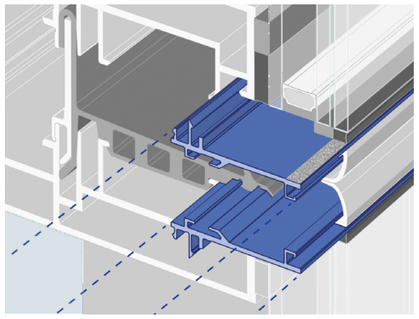


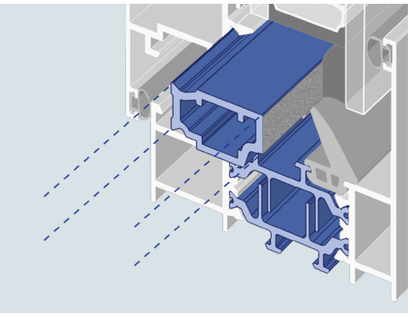
New possibilities

The ability to achieve optimal adhesion between polyamide and the substrate significantly expands design options for systems and structural solutions, enabling innovations that were previously beyond our reach.

Unitized curtain walls

Adhesion Prime allows sealing the glazing unit with silicone from the edge to an adjacent element, usually aluminum.



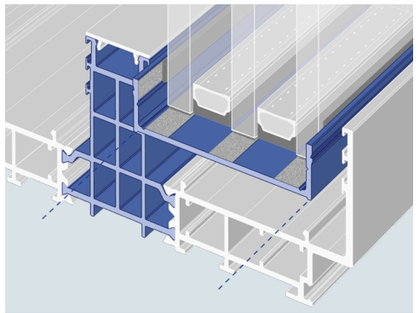


Hidden sash

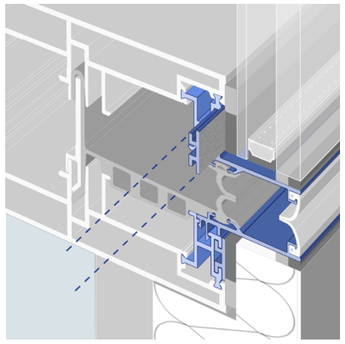
Adhesion Prime enables bonding between the glazing and the sash profile through polyamide strips, achieving a more seamless integration between the glazing and the frame. This innovation eliminates the need for external glazing beads and joints on the sash, streamlining the design. Additionally, it enhances the rigidity of the sash, providing improved structural stability and performance.

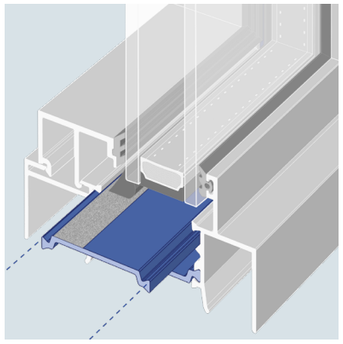
Minimalist sash of sliding system

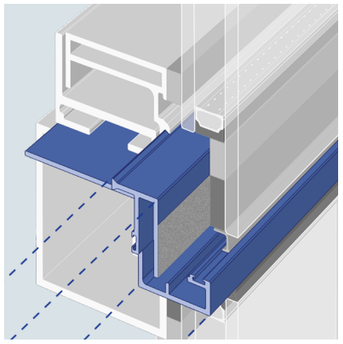
Designed with a minimal frame to maximize transparency, these systems emphasize a clean, elegant aesthetic. However, the polyamide profile, crucial for superior thermal performance, can pose challenges in bonding with other materials. To overcome this, Adhesion Prime enables polyamide to bond with glazing as effectively as aluminum, creating a durable assembly that glides effortlessly along the frame's rail.

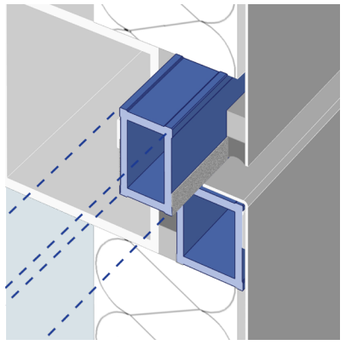


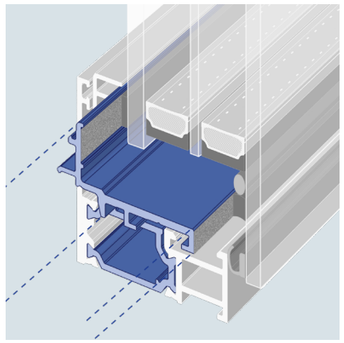
Endless possibilities

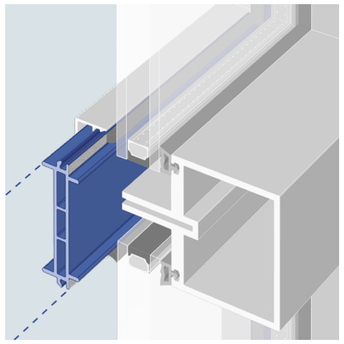


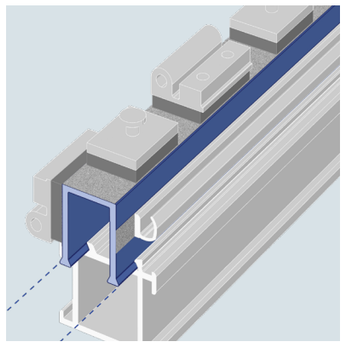


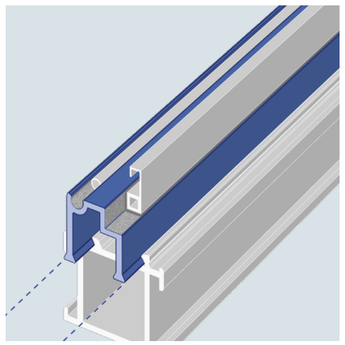


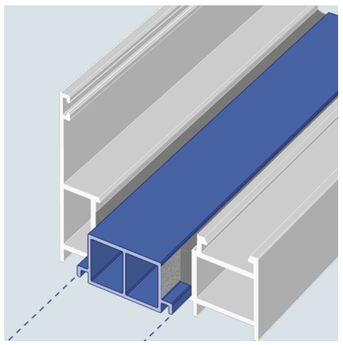






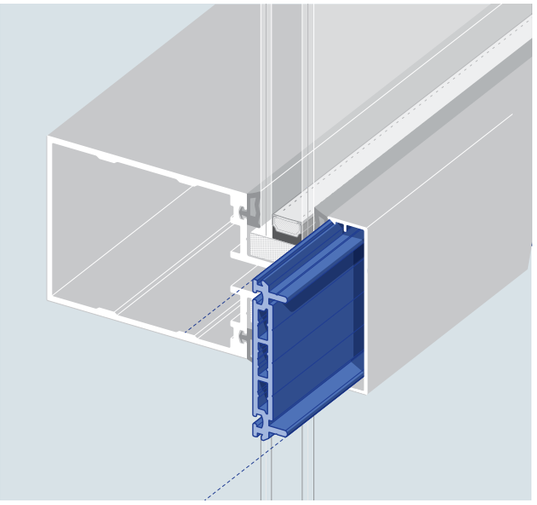






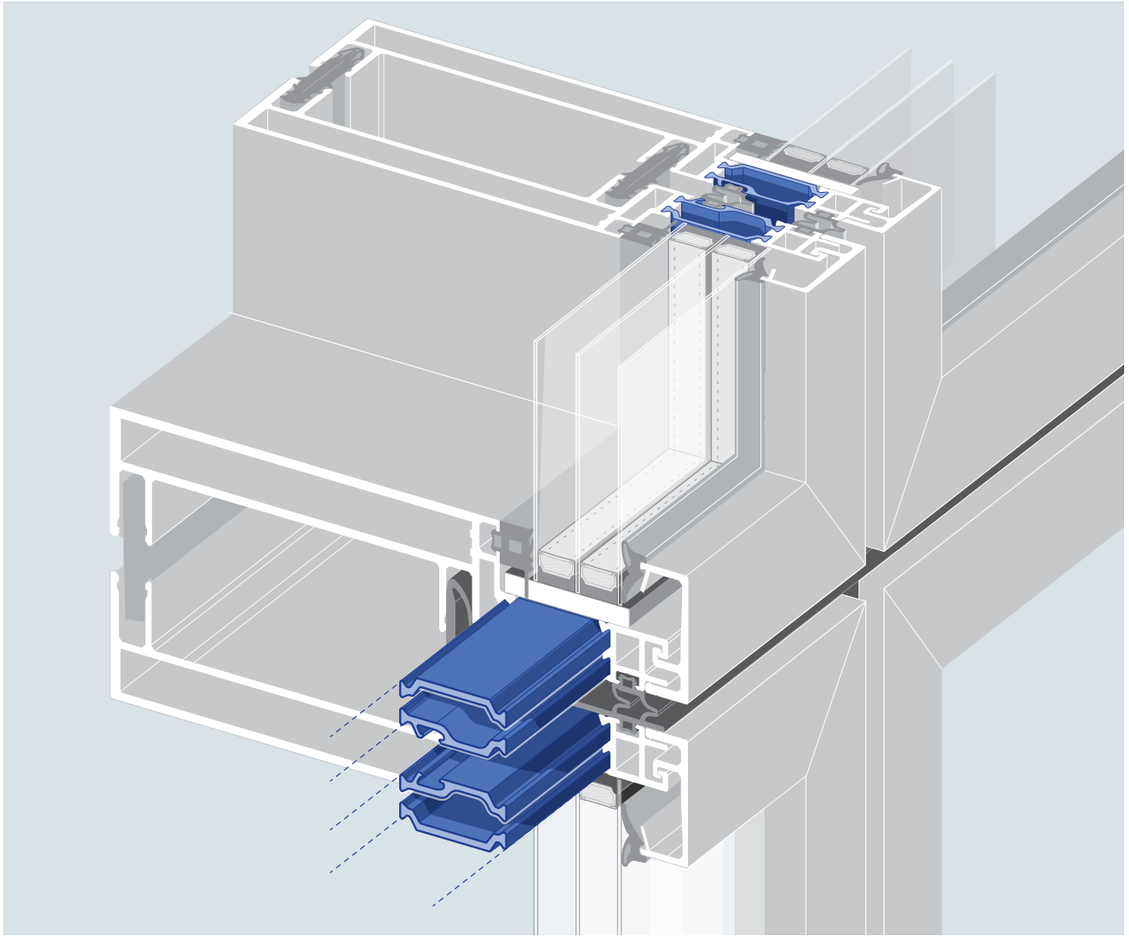
Facade solutions – boosting intelligence in modern buildings

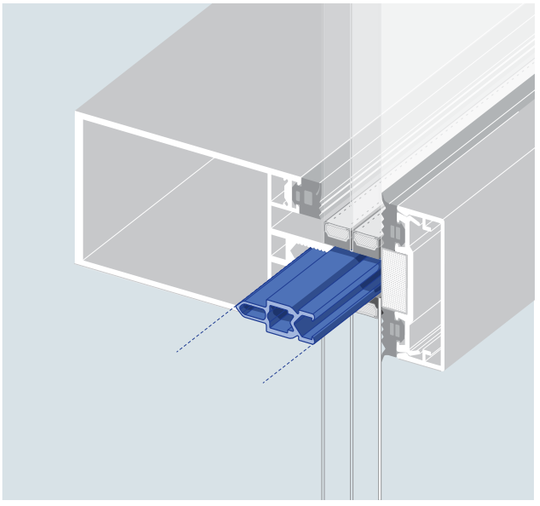
Lightweight, durable, stylish: when it comes to the exteriors of office buildings and other large-scale construction projects, aluminum is frequently the material of choice. Aside from the visual aspects we take a step further to a more intelligent construction. Our aluminum facade solutions for external wall insulation help improve the thermal performance of this popular material. And we do it for a reason. Just relax and let us optimize your facades for full peace of mind.



Stick facades

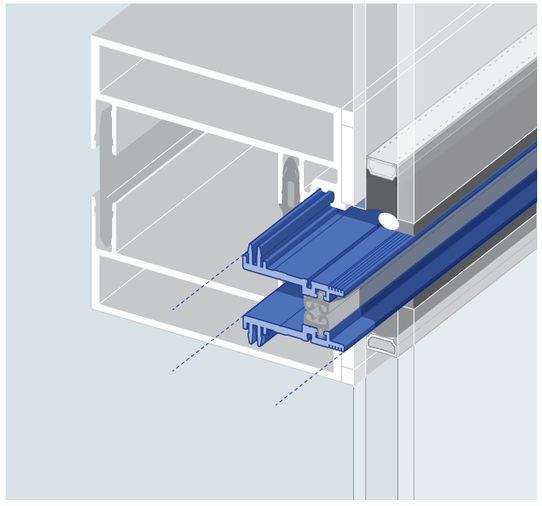
For stick-facades, we offer a variety of 20 different standard polyamide spacers and pressure plates. To be more precise: our system solutions offer best in class thermal performance with U-values as low as 1 W/(m²K).





Unitized facades

All our insulating solutions for windows are suitable for unitized facades and we have special polyamide glass edge profiles for new systems.



Standard profiles PA66 GF25

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9 mm

1.20	254000

10 mm

4.40 / 1.20	204600#
4.70	244800
4.40 / 14.38	269800#

12 mm

1.80	977500
1.80	926900 · 975300
5.98	209900
5.90	328100
5.90	958241
14.28	282000
12.60	442500*

13 mm

13.4 mm

5.65	979200

13.5 mm

6.00	249100
6.00	969505

14 mm

1.80	202300
1.80	913700
6.45	202400
5.90	217100
6.25	233200
6.45	948600
5.60 / 9.60	493100#
14.10	486900
11.85	948700
6.96	235300
16.50	240200#

14.3 mm

1.20	246900
13.00	247000

14.6 mm

1.80	933900 · 951459
1.80	919200 · 951159
6.00	263400
5.77 / 10.20	259900#
11.15	951559 · 943300
12.05	241600
15.00	980600
11.15	268200

Standard profiles Polyamide

Our standard profiles are available in Standard and Recycled PA 66 GF25, dry impact resistant.

000000 Article Number / 000000 New Article /
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14 mm

14.6 mm

14.25	355700*
6.40	223900
6.40	313000*

14.8 mm

1.20	371700
1.60	280600
1.80	931000 · 951659
1.20	216800
1.60	271800
1.80	924300 · 945500 951259
6.20	203900
6.00	208500
6.00	952100 · 962059
4.05 / 6.20	406100#
6.00	378600

6.00	937600
5.20 / 8.50	295600#
7.60	299000
7.60	486100*
15.80	201000
14.80	931100 · 951759
12.35	941600 · 951859
12.35	961459
14.80	925500
12.35	975800
14.80	279000

14.90	221900
14.85	403400
11.80	221400
10.50	237600
14.56	246700
13.84	300800
12.22	271500
12.20	273500
11.10	289700
11.05	961559
11.05	987400

4.05 / 11.10	335600#
11.00	320100*
12.03	257100
11.05	270300
11.00	937700
7.20	488200
6.40	977000

15 mm

1.80	910300
5.00 / 2.50	952200#
6.20	538500
13.95	260500
11.20	260400

16 mm

1.20	379100
3.90 / 1.80	962159#
1.80	973500
1.20	232900 · 265800
1.80	912000 · 955900 951359
4.05 / 1.60	345800#
6.00	221000
6.45	961859
5.79	963900
3.90 / 6.49	203200#
6.00	219900
6.00	270000

6.45	940800
6.45	976000
6.00	296500
8.27 / 12.20	277600*#
3.90 / 13.95	962259#
12.40	970559
15.10	973600
12.30	942100
12.40	976100
15.10	265900
15.10	941800
13.45	961959

12.40	977600
14.05	445500
12.40	977900
11.90	940300
13.45	981700
15.00	296600
7.00	980900
11.65	214400
9.70	221100
10.50	227500
9.70	270100
11.45	296900

14.00	296800
19.20	296700

16.5 mm

1.80	977400

16.6 mm

6.48 / 10.77	420800*#

17 mm

6.20	589200
8.00	592000
6.70 / 10.50	286600#

17.4 mm

8.34 / 10.24	242700#

17.8 mm

12.40	330400
6.65	325300

18 mm

1.80	955100
1.80	908300
6.00	221200
6.00	249200
5.79	964000
6.10	465400
6.00	233800
6.00	270200
6.00	955000
7.90	622800
15.00	541400
13.50	267100

Standard profiles Polyamide

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000000 Article Number / 000000 New Article /
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18 mm

	18.6 mm	
276900		
224100	210900	276000
290600	273300	250800
357400*	912100 · 912159	979300
955200	912800	330500
277000	977700	952459
343900	279300*	
235400	332700*	
322100*	360500*	
248300	276800	
955300	324600	
	226300	

19 mm

316700
316900
316800

20 mm

933200	228900
912500 · 957600	499500#
277400	387200*
957300	234700
246500	269100*
941700	945800
942600	562100
271000	957400
296200	937000
976600	444500
249900	228700
250100	218500

20 mm

	20.6 mm
964200	250000
271100	439500*#
966500	
306700	221500#
325500	221600#
283600	
493600	
297800*	
924900	
964100	
271200	
330700	

21 mm

556500
357500*
556400

22 mm

202200	977200
242900	413800
908400	254100
269700	286700
966605	389600
978700	245800
413700	491600
228100	439100*
271300*	
243000	
431300	
245900	

23 mm

283000#
538800
320400
282600

Standard profiles Polyamide

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24 mm

2.00 961759 · 933100	6.20 268000	15.00 220300	15.00 360900	14.46 224000	11.20 419300
3.90 1.80 965159#	6.00 294100	12.10 246300*	14.80 566000	15.00 251800	11.40 359800
2.00 919300 · 975900	6.00 976700	12.35 271400*	11.45 322000	14.50 969759	10.70 546100
5.70 390900	6.45 940400	12.10 927200	11.85 495000	15.60 246600	10.95 443700
4.30 5.85 241700#	6.20 969959	15.00 925200	14.85 403500	13.00 289800	16.86 256800
6.20 956059	11.70 479800	14.80 975700	18.10 249000	14.96 464600	12.20 273400
6.10 957500	16.90 984300	12.70 404000*	13.45 231900	13.85 479700	10.35 464700
6.20 350300	12.55 961105	11.80 228200	12.40 268100	13.30 502900	10.35 516200
6.00 355000	13.00 979500	13.50 415100	14.00 294200	7.10 330600	10.80 510600
6.00 360800	12.50 459500	12.40 956159	15.00 964300	10.70 228800	11.20 418200
6.10 954800	14.80 975400 · 936800	15.20 291100	15.00 400800	11.65 300400	4.05 11.20 406200#
6.00 235100	15.90 987200	14.56 253600	12.46 979900	11.40 561400	6.00 399200

24 mm

11.65 231800	12.08 578400
11.40 358900	14.20 30.10 964559#
14.00 297200	
19.20 297100	
18.80 214000	
15.70 489900	
10.70 969859	
11.20 962659	
7.75 214800	
12.08 224600	
6.31 413900	
4.05 6.10 439400#	

24.8 mm

6.00 215600	14.80 246100
12.35 215700	
12.35 265000	
11.05 214300	
11.15 282100	
11.10 246000	

25 mm

2.00 910400	5.60 979400
5.60 950159	6.00 974500
6.00 249500	6.00 946700
14.00 249600	15.10 974600
11.00 249700	

25.3 mm

2.00 470200*
6.00 329600*
12.50 329700*
10.90 329800*

25.5 mm

2.00 220400

26 mm

2.00 212600	13.10 410800
1.80 254800	14.00 401700
2.00 908500	12.70 321800
5.60 260600	14.00 978900
5.85 453100	11.00 426400
6.00 304500	12.20 359600
5.80 491200	10.80 394200
3.05 4.85 289300#	11.00 208700
6.00 978800	11.00 264100
8.80 357700	7.35 300900
20.83 321100	
12.00 544900	

Standard profiles Polyamide

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27 mm

6.00	971605
6.00	932000
13.70	253800
10.60	253900

27.5 mm

6.00	942700

28 mm

2.00	222500
2.30	948400
2.30	927700
5.50	618200
6.20	214700
6.00	223500
6.00	321300
11.80	516900
10.30	368600
7.40	509900
12.35	450100
13.20	280900

11.64	354400*
18.40	475500
20.60	355400
13.68	548200
11.50	571000
15.61	321500
10.35	566100
10.45	450000
11.60	280800
8.94	319600
6.50	271600
6.10	975100*

18.00	286800
17.00	286900
9.20	229100
9.55	308600
7.75	261900
6.40	242100

29 mm

5.80	404600

30 mm

2.00	219500
1.90	220800
1.80	246200
2.30	908600
6.00	273800
3.05 / 4.85	324100#
6.00	282300
6.00	947400
7.00	506200
11.20	247300
14.00	478600
21.60	486400

30 mm

7.75	516600
16.80	225500
14.60	493800
11.00	393000
17.27	414400
16.80	241200
11.10	493700
11.20	974700
9.35	312000
11.00	282400
21.40	364600
16.47	247500

18.50	247400
19.10	364500
19.20	352400
15.54	368700
16.40	414300
9.25	349400
9.00 / 13.00	277100*#

31 mm

5.90	268300

32 mm

2.00	239300
6.20	354700
6.00	303700
6.00	371800
5.60	256100
5.80	494500
6.00	939700
6.20	259800
12.99	448300
8.00 / 12.40	247700#
13.41	256200
14.30	496000

16.00	418400
10.66	256000
10.66	256300
11.63	563100
11.00	412200
11.63	218100
11.00	216100
7.80	492100
7.50	273900
8.30	488300

34 mm

2.00	464800
5.80	268400
6.45	349300
5.90	478700
6.00	935100
6.00	949200
10.55	986200
17.00	438400
20.60	265400
7.50	384200
6.80	218600
14.58	269200

Standard profiles Polyamide

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34 mm

425100

378200

425000

429100

548300

437800

430400

429300

558600

321700

437900

218400

426300

422900

258800

986300

423300

543300

265600

386800

503700

587800

443900

532600

260900

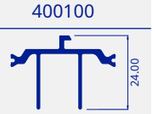
357000

240800

377100

400100

559400



265500

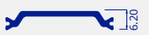
35 mm

432000

418900

337700

423500*



418600

382100

533200

418500

522100

215500

358700

452300

418800

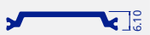
423700*

427100

418700

36 mm

201300



983400

557600

392400

478100

485500*

477400*

477500*

35.3 mm

34.8 mm

300700

300600

37 mm

394600*

425200

515000

394400*

394500*

452100

340100

368500

38 mm

327800

219300

363700

39 mm

357900

340000

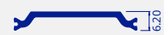
340300

340200

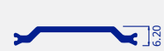
546200

40 mm

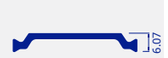
357800



444200



287800



412000

521000

442800

441900

364700

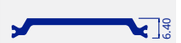
42 mm

286300

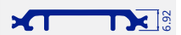
334800

599100

44 mm



502100



352100

501000

Standard profiles Polyamide

Our standard profiles are available in Standard and Recycled PA 66 GF25, dry impact resistant.

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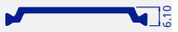
45 mm

466500

46 mm



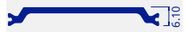
200100

48 mm

365800

457000

49 mm



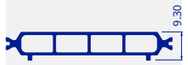
617600

50 mm

419400

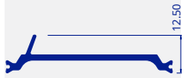
54 mm

419500



539600

462800



515700

515600

419600

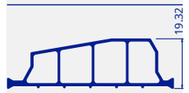
492200

60 mm

463500*

64 mm

328600



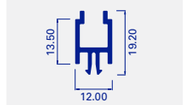
507600*

507500*

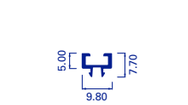
77 mm

261000*

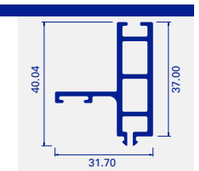
Curtain wall spacers



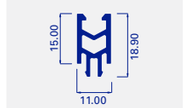
217300



309900



399000



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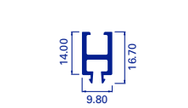

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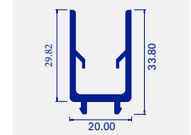

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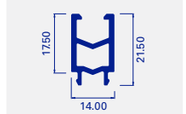

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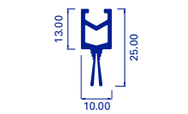

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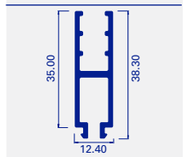

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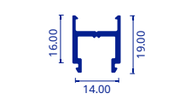

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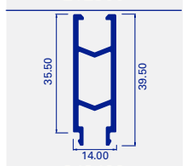

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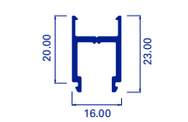

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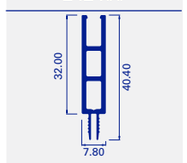

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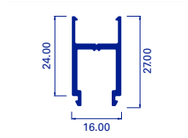

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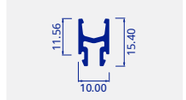

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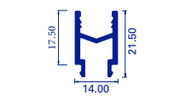

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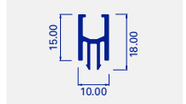

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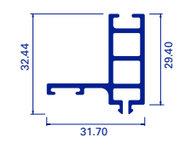


398900

Standard profiles Polyamide

Our standard profiles are available in Standard and Recycled PA 66 GF25, dry impact resistant.

000000 Article Number / 000000 New Article /
*Article production in America or Asia / #Head not compatible to Standard Groove

Operating Rods

224400

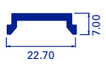
222400

218000

601100

289400*

254700

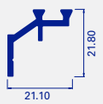


224500

Specials

200600

212100



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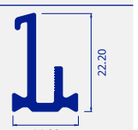

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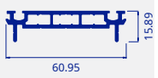
492000

432100*

491700*



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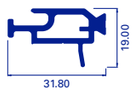
Hidden Sash

346000

620400



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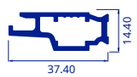

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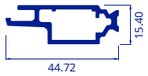

513400

Anti bi-metal

458800

339000

576000

317000

464400

605100

370000

429900

599900

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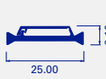

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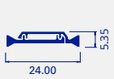

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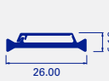

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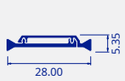

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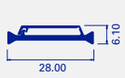

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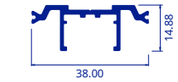
Profiles for sliding doors

200500

389900



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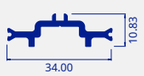

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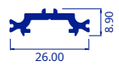

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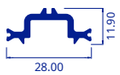

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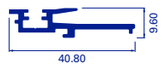

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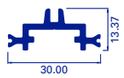

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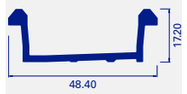

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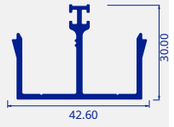

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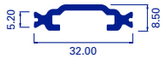

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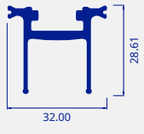

229000

495600

Profiles for minimal sliding doors

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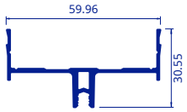

440200

440300

440400

Material data sheet

Insulating strips of **PA 66 GF25, dry impact resistant**

Characteristic	Reference standard	Unit	Samples prepared from extruded insulating strips		Injection-moulded samples
			Dry [1]	Equilibrium moisture content [2]	Dry [1]
melting temperature	EN ISO 11357-3	°C	min. 250 [3]	min. 250 [3]	min. 250 [3]
density	EN ISO 1183-1 or -3	g/cm³	1.3 +/- 0.05	1.3 +/- 0.05	1.3 +/- 0.05
annealing residue (glass fibre content)	EN ISO 1172	%	25 +/- 2.5	25 +/- 2.5	25 +/- 2.5
shore hardness D	EN ISO 868	-	82 +/- 4 [4]	78 +/- 4 [4]	84 +/- 2
impact strength	EN ISO 179-1	kJ/m²	min. 30 or without break [5]	min. 40 or without break [5]	min. 35 [6]
tensile strength	EN ISO 527-2 and -4	N/mm²	min. 80 [7]	min. 50 [7]	min. 110 [8]
Young's modulus	EN ISO 527-2 and -4	N/mm²	min. 4500 [7]	min. 2000 [7]	min. 6000 [8]
elongation at break	EN ISO 527-2 and -4	%	min. 3 [7]	min. 7 [7]	min. 3 [8]

1) Sample water content less than 0.2 % by weight
2) Fast conditioning acc. to EN ISO 1110 (23 °C / 50 %)
3) Maximum temperature 300 °C
4) Specimen thickness 2 mm, unstacked
5) Specimen 2fU (50 mm x 10 mm x 2 mm)
6) Specimen 1fU (80 mm x 10 mm x 4 mm)
7) Specimen Type 1BA
8) Specimen Type 1A

In case of specific questions we gladly offer you our individual support.

Material data sheet

Insulating strips of **Low Lambda PA 66 GF25, dry impact resistant**

Characteristic	Reference standard	Unit	Samples prepared from extruded insulating strips	
			Dry [1]	Equilibrium moisture content [2]
melting temperature	EN ISO 11357-3	°C	min. 250 [3]	min. 250 [3]
density	EN ISO 1183-1 or -3	g/cm³	1.0 +/- 0.1	1.0 +/- 0.1
annealing residue (glass fibre content)	EN ISO 1172	%	25 +/- 2.5	25 +/- 2.5
shore hardness D	EN ISO 868	-	77 +/- 4 [4]	67 +/- 4 [4]
impact strength	EN ISO 179-1	kJ/m²	min. 20 [5]	min. 30 [5]
tensile strength	EN ISO 527-2 and -4	N/mm²	min. 50 [6]	min. 35 [6]
Young's modulus	EN ISO 527-2 and -4	N/mm²	min. 2900 [6]	min. 1300 [6]
elongation at break	EN ISO 527-2 and -4	%	min. 3 [6]	min. 8 [6]

1) Sample water content less than 0.2 % by weight
2) Fast conditioning acc. to EN ISO 1110 (23 °C / 50 %)
3) Maximum temperature 300 °C
4) Specimen thickness 2 mm, unstacked
5) Specimen 2fU (50 mm x 10 mm x 2 mm)
6) Specimen Type 1BA

In case of specific questions we gladly offer you our individual support.

Material data sheet

Insulating strips of **Recycled PA 66 GF25, dry impact resistant**

Characteristic	Reference standard	Unit	Samples prepared from extruded insulating strips		Injection-moulded samples
			Dry [1]	Equilibrium moisture content [2]	Dry [1]
melting temperature	EN ISO 11357-3	°C	min. 250 [3]	min. 250 [3]	min. 250 [3]
density	EN ISO 1183-1 or -3	g/cm³	1.3 +/- 0.05	1.3 +/- 0.05	1.3 +/- 0.05
annealing residue (glass fibre content)	EN ISO 1172	%	25 +/- 2.5	25 +/- 2.5	25 +/- 2.5
shore hardness D	EN ISO 868	-	82 +/- 4 [4]	78 +/- 4 [4]	84 +/- 2
impact strength	EN ISO 179-1	kJ/m²	min. 30 or without break [5]	min. 40 or without break [5]	min. 35 [6]
tensile strength	EN ISO 527-2 and -4	N/mm²	min. 80 [7]	min. 50 [7]	min. 110 [8]
Young's modulus	EN ISO 527-2 and -4	N/mm²	min. 4500 [7]	min. 2000 [7]	min. 6000 [8]
elongation at break	EN ISO 527-2 and -4	%	min. 3 [7]	min. 7 [7]	min. 3 [8]

1) Sample water content less than 0.2 % by weight
2) Fast conditioning acc. to EN ISO 1110 (23 °C / 50 %)
3) Maximum temperature 300 °C
4) Specimen thickness 2 mm, unstacked
5) Specimen 2fU (50 mm x 10 mm x 2 mm)
6) Specimen 1fU (80 mm x 10 mm x 4 mm)
7) Specimen Type 1BA
8) Specimen Type 1A
9) The polyamide 66 used consists of 100% post industrial recycled materials.

In case of specific questions we gladly offer you our individual support.

Material data sheet

Insulating strips of **Recycled Low Lambda PA 66 GF25, dry impact resistant**

Characteristic	Reference standard	Unit	Samples prepared from extruded insulating strips	
			Dry [1]	Equilibrium moisture content [2]
melting temperature	EN ISO 11357-3	°C	min. 250 [3]	min. 250 [3]
density	EN ISO 1183-1 or -3	g/cm³	1.0 +/- 0.1	1.0 +/- 0.1
annealing residue (glass fibre content)	EN ISO 1172	%	25 +/- 2.5	25 +/- 2.5
shore hardness D	EN ISO 868	-	77 +/- 4 [4]	67 +/- 4 [4]
impact strength	EN ISO 179-1	kJ/m²	min. 20 [5]	min. 30 [5]
tensile strength	EN ISO 527-2 and -4	N/mm²	min. 50 [6]	min. 35 [6]
Young's modulus	EN ISO 527-2 and -4	N/mm²	min. 2900 [6]	min. 1300 [6]
elongation at break	EN ISO 527-2 and -4	%	min. 3 [6]	min. 8 [6]

1) Sample water content less than 0.2 % by weight
2) Fast conditioning acc. to EN ISO 1110 (23 °C / 50 %)
3) Maximum temperature 300 °C
4) Specimen thickness 2 mm, unstacked
5) Specimen 2fU (50 mm x 10 mm x 2 mm)
6) Specimen Type 1BA
7) The polyamide 66 used consists of 100% post industrial recycled materials.

In case of specific questions we gladly offer you our individual support.

Cooperation partners

Europe

- Federation of European Window and Curtain Wall Manufacturers' Associations

Belgium & Netherlands
- BUtgb vzw · UBAtc asbl · Belgian Union for Technical Approval in Construction
- FAC · Federatie Aluminium Constructeurs
- VMRG ·Vereniging van Metalen Ramen - en Gevelfabrikanten

France
- CSTB · Centre Scientifique et Technique du Bâtiment
- SNFA · Syndicat National de la Construction des Fenêtres, Façades et Activités Associées

Germany
- IFT-Rosenheim · Institut für Fenstertechnik e. V.
- FIW-München · Forschungsinstitut für Wärmeschutz e. V.
- IFZ · Informationszentrum Fenster Türen Fassaden e. V.
- VFF · Verband der Fenster- und Fassadenhersteller
- Bundesdeutscher Arbeitskreis für Umweltbewusstes Management (B.A.U.M.) e. V.
- A/U/F Aluminium und Umwelt im Fenster- und Fassadenbau
- EPEA Internationale Umweltforschung GmbH
- Deutsche Gesellschaft für Nachhaltiges Bauen

Great Britain
- CAB · Council for Aluminium in Building
- BFRC · British Fenestration Rating Council

Italy
- UNICMI · Unione nazionale delle Industrie delle Costruzioni Metalliche dell'Involucro e dei serramenti
- AITAL / QUALITAL · Associazione Italiana Trattamenti superficiali Alluminio / Organismo di Certificazione

Portugal
- ANFAJE · Associação Nacional dos Fabricantes de Janelas Eficientes
- APAL · Associação Portuguesa Do Alumínio

Spain
- AEA · Asociación Española del Aluminio y Tratamientos de Superficie
- ASEFAVE · Asociación Española de Fabricantes de Fachadas Ligeras y Ventanas
- Tecnalia Research & Innovation
- ENSATEC · Laboratorio de Ensayos Tecnológicos

The Americas

North America
- FGIA · Fenestration and Glazing Industry Alliance
- AEC · Aluminum Extruders Council
- NGA · National Glass Association
- NFRC · National Fenestration Rating Council
- FTI · Façade Tectonics Institute

South America
- CAIAMA · Cámara Argentina de la Industria del Aluminio y Metales Afines.
- Brasil AFEAL · Associação Nacional de Fabricantes de Esquadrias de Alumínio.
- AMEVEC · Asociación Mexicana de Ventanas y Cerramientos

Asia

China
- CAIGA · China Architectural and Industrial Glass Assn.
- CCMSA · China Construction Metal Structure Assn.
- Hong Kong Facade Association
- National Committee of Standardization for Non-ferrous Metals

Korea
- KAFA · Korea Architectural Facade Association

Singapore
- SGBC · Singapore Green Building Council
- BCA · Building and Construction Authority of Singapore
- ESI · Energy Studies Institute – National University of Singapore

Australasia

Australia & New Zealand
- WGANZ · Window & Glass Association New Zealand
- AGWA · Australian Glass & Window Association
- IGMA · Insulating Glass Manufacturers Alliance

Certifications

Europe
TÜV Certification
according to ISO 9001:2015
Cradle to Cradle Certified®
Gold level Material Health Certificate
Environmental Product Declaration

Germany
TÜV Certification
according to
ISO 14001:2015
ISO 50001:2018
ISO 45001:2018

Italy
TÜV Certification
according to
ISO 14021:2018
ISO 14021:2021
RINA Certification
according to ISO 45001

Belgium
ATG Certification

North America
TÜV Certification
according to ISO 9001:2015

Russia
GOST Certification
Cradle to Cradle Certified®
Gold level Material Health Certificate

China
TÜV Certification
according to
ISO 14001:2015
ISO 9001:2015
ISO 45001:2018

Hong Kong
TÜV Certification
according to
ISO 14001:2015
ISO 9001:2015
ISO 45001:2018

Singapore
Singapore Green Building Product – Excellent

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Version 3 |January 2025