

Standard profiles 2022

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 U_f 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 U_f value by maintaining the same frame size or a smaller frame while leaving the U_f 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.

Standard profiles Polyamide

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

9 mm	10 mm	12 mm	13 mm	14 mm	
 254000	 204600#	 977500	13.4 mm	 202300	14.3 mm
	 244800	 926900 · 975300	 979200	 913700	 246900
	 269800#	 209900	13.5 mm	 202400	 247000
		 328100	 249100	 217100	14.6 mm
		 958241	 969505	 233200	 933900 · 951459
		 282000		 948600	 919200 · 951159
		 442500*		 493100#	 263400
				 486900	 259900#
				 948700	 951559
				 235300	 241600
				 240200#	 980600
					 268200

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

14 mm					15 mm
14.6 mm	14.8 mm				 910300
 355700*	 280600	 295600#	 403400	 320100*	 952200#
 223900	 931000 · 951659	 299000	 221400	 257100	 538500
 313000*	 216800	 486100*	 237600	 270300	 260500
	 271800	 201000	 246700	 937700	 260400
	 924300 · 945500 951259	 931100 · 951759	 300800	 488200	
	 203900	 941600 · 951859	 271500	 977000	
	 208500	 961459	 273500		
	 952100 · 962059	 925500	 289700		
 406100#	 975800	 961559			
 378600	 279000	 987400			
 937600	 221900	 335600#			

Standard profiles Polyamide

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

16 mm			17 mm	18 mm	
 962159#	 976000	 445500	16.5 mm  977400	 589200	 955100
 973500	 296500	 977900		 592000	 908300
 232900 · 265800	 277600*#	 940300	16.6 mm  420800*#	 286600#	 221200
 912000 · 955900 951359	 962259#	 981700		17.4 mm  242700#	 249200
 345800#	 970559	 296600	 964000		
 221000	 973600	 980900	17.8 mm  330400	 465400	
 961859	 942100	 214400		 233800	
 963900	 976100	 221100	 325300	 270200	
 203200#	 265900	 227500		 955000	
 219900	 941800	 270100		 541400	
 270000	 961959	 296900		 267100	
 940800	 977600			 276900	

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

18 mm			19 mm	20 mm	
 224100	18.6 mm		 316700	 933200	 228900
 290600	 210900	 226300	 316900	 912500 · 957600	 499500#
 357400*	 273300	 276000	 316800	 277400	 387200*
 955200	 912100 · 912159	 250800		 957300	 234700
 277000	 944300	 979300		 246500	 269100*
 343900	 912800	 330500		 941700	 945800
 235400	 977700	 952459		 942600	 562100
 322100*	 279300*			 271000	 957400
 248300	 332700*			 296200	 937000
 955300	 360500*			 976600	 444500
	 276800			 249900	 228700
	 324600			 250100	 218500

Standard profiles Polyamide

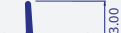
Our standard profiles are available in Standard and Recycled PA 66 GF25, dry impact resistant.

20 mm		21 mm	22 mm		23 mm
 964200	 250000	 556500	 202200	 977200	 283000#
 271100	 439500*#	 357500*	 242900	 413800	 538800
 966500	20.6 mm  221500#	 556400	 908400	 254100	 320400
 306700			 269700	 286700	
 325500			 966605	 389600	
 283600			 978700	 245800	
 493600			 413700	 439100*	
 297800*			 228100		
 924900			 271300*		
 964100			 243000		
 271200			 431300		
 330700			 245900		

000000 Article Number / 000000 New Article /

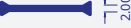
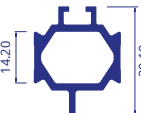
*Article production in America or Asia / #Head not compatible to Standard Groove

24 mm

 961759 · 933100	 235100	 220300	 360900	 251800	 546100
 965159#	 268000	 246300*	 566000	 969759	 443700
 223700	 294100	 271400*	 322000	 246600	 256800
 919300 · 975900	 976700	 927200	 495000	 289800	 273400
 390900	 940400	 925200	 403500	 464600	 464700
 241700#	 969959	 975700	 231900	 479700	 516200
 956059	 479800	 404000*	 268100	 502900	 510600
 957500	 984300	 228200	 294200	 330600	 418200
 350300	 979500	 415100	 964300	 228800	 406200#
 355000	 459500	 956159	 400800	 300400	 399200
 360800	 975400	 291100	 979900	 561400	 231800
 954800	 987200	 253600	 224000	 359800	 358900

Standard profiles Polyamide

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

24 mm		25 mm		26 mm	
 214000	24.8 mm	 910400	25.3 mm	 212600	 978900
 489900	 215600	 979400	 470200*	 254800	 426400
 969859	 246100	 950159	 329600*	 908500	 359600
 962659	 215700	 974500	 329700*	 260600	 394200
 214800	 265000	 249500	 329800*	 453100	 264100
 224600	 214300	 946700	25.5 mm	 304500	 300900
 439400#	 282100	 249600	 220400	 491200	
 964559#	 246000	 974600		 289300#	
		 249700		 978800	
				 357700	
				 321100	
				 321800	

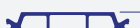
000000 Article Number / 000000 New Article /

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

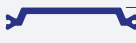
27 mm	28 mm		29 mm	30 mm
 971605	 222500	 475500	 286900	 404600
 932000	 948400	 355400	 229100	 219500
 253800	 927700	 548200	 308600	 220800
 253900	 214700	 571000	 261900	 246200
27.5 mm	 223500	 321500	 242100	 908600
	 942700	 321300	 566100	 273800
	 516900	 450000		 324100#
	 368600	 280800		 282300
	 509900	 319600		 947400
	 450100	 271600		 506200
	 280900	 975100*		 247300
	 354400*	 286800		 478600
				 486400

Standard profiles Polyamide

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

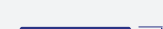
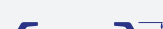
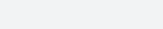
30 mm		31 mm	32 mm		34 mm
 516600	 352400	 268300	 239300	 418400	 464800
 225500	 368700		 354700	 256000	 268400
 493800	 414300		 303700	 256300	 349300
 393000	 349400		 371800	 563100	 478700
 414400	 277100*#		 256100	 412200	 935100
 241200			 494500	 218100	 949200
 493700			 939700	 216100	 986200
 974700			 259800	 492100	 438400
 312000			 448300	 273900	 265400
 282400			 247700*#	 488300	 384200
 247500			 256200		 218600
 247400			 496000		 269200

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

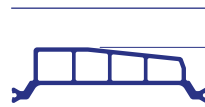
34 mm			35 mm		36 mm
 425100	 548300	 437800	 432000	 418900	 201300
 429100	 429300	 558600	 337700	 423500*	 983400
 430400	 437900	 218400	 418600	 382100	 557600
 321700	 422900	 258800	 533200	 418500	 392400
 426300	 423300	 543300	 522100	35.3 mm	 478100
 986300	 386800	34.8 mm	 215500		 485500*
 265600	 443900		 358700	 477400*	
 532600	 260900	 300600	 452300	 477500*	
 357000	 240800		 418800		
 377100	 400100		 423700*		
 559400	 265500		 427100		
 378200	 425000		 418700		

Standard profiles Polyamide

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

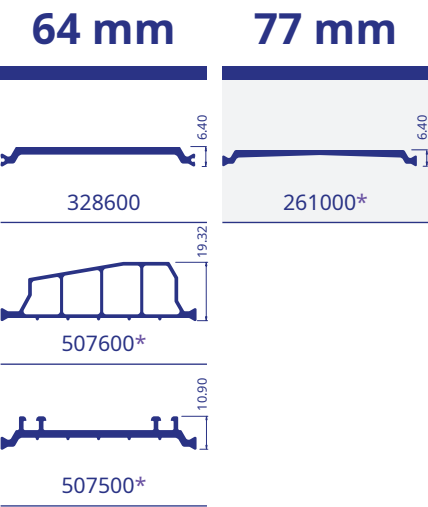
37 mm	38 mm	39 mm	40 mm	42 mm	44 mm
 394600*	 327800	 357900	 357800	 286300	 502100
 425200	 219300	 340000	 444200	 334800	 352100
 515000	 363700	 340300	 287800		 501000
 394400*		 340200	 412000		
 394500*		 546200	 521000		
		 452100	 441900		
		 340100			
		 368500			

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

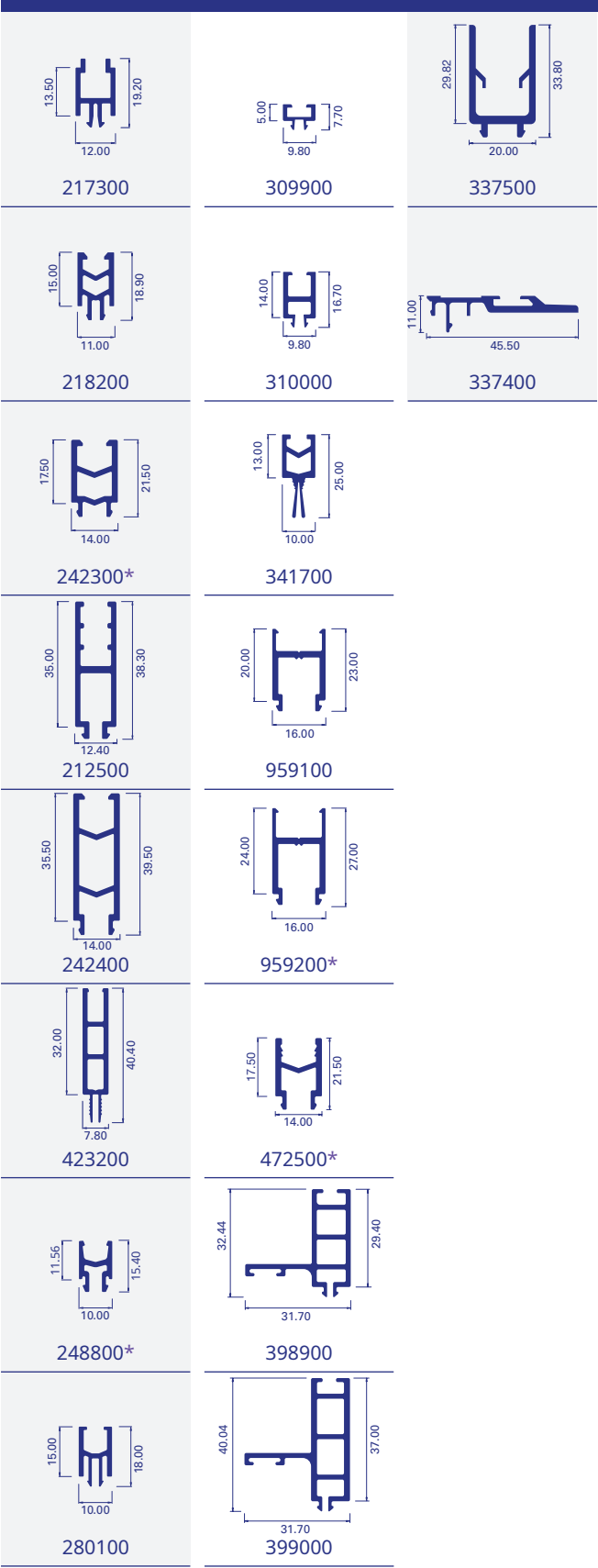
45 mm	46 mm	48 mm	50 mm	54 mm	60 mm
 466500	 200100	 365800	 419400	 419500	 463500*
		 457000		 539600	
				 462800	
				 419600	
				 492200	

Standard profiles Polyamide

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

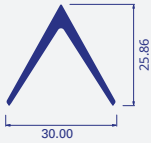
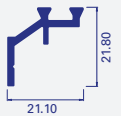
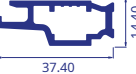
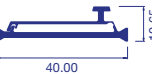
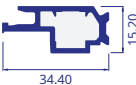


Curtain wall spacers



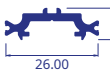
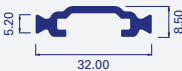
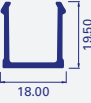
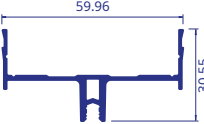
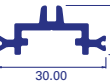
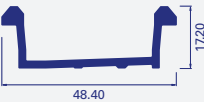
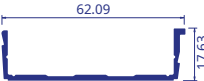
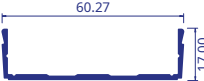
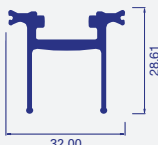
000000 Article Number / 000000 New Article /

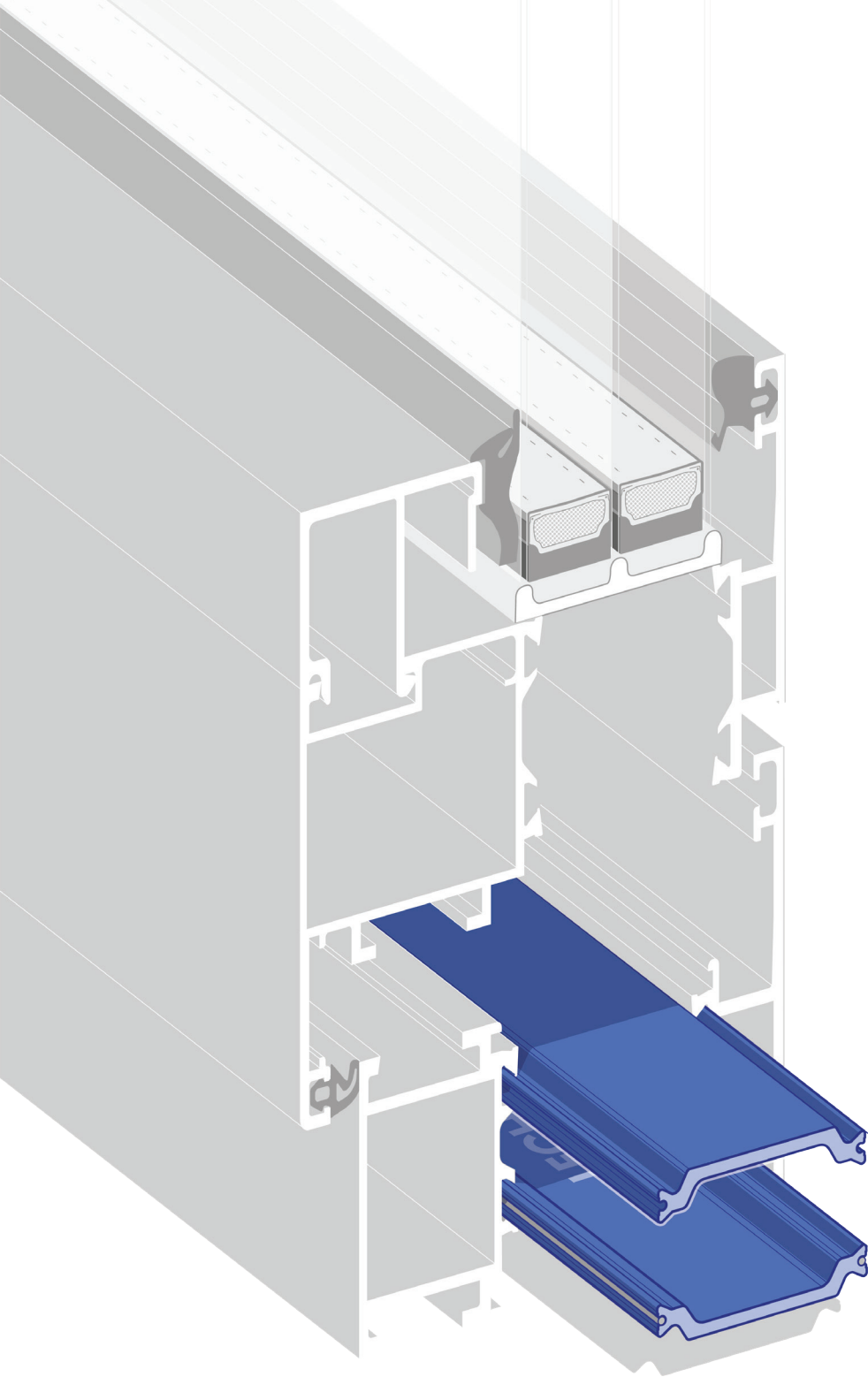
*Article production in America or Asia / #Head not compatible to Standard Groove

Operating Rods	Specials	Hidden Sash	Anti bi-metal	
 17.70 7.00 224400	 30.00 25.86 200600	 29.70 10.90 346000	 18.00 6.10 458800	 30.00 6.10 339000
 19.50 4.50 222400	 20.98 15.48 212100	 31.80 19.00 375400	 18.60 6.10 317000	 32.00 6.12 464400
 19.50 4.10 218000	 21.10 21.80 254400	 31.40 13.47 464900	 20.00 6.10 370000	 34.00 6.30 429900
 19.50 4.80 289400*	 14.50 4.70 492000	 37.40 14.40 506400	 22.00 6.10 317100	 40.00 10.65 520900
 20.50 4.80 254700	 15.00 5.77 432100*	 34.40 15.20 550600	 24.00 6.10 339900	 40.00 6.15 521000
 22.70 7.00 224500	 40.00 15.00 491700*	 44.72 15.40 513400	 25.00 6.10 316200	
	 60.95 15.89 449500*		 26.00 6.10 387500	
			 28.00 6.10 418100	

Standard profiles Polyamide

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

Profiles for sliding doors				Profiles for minimal sliding doors
 200500	 389900	 301000	 306200 [#]	 440100
 979600	 371900	 255300	 354300	 440200
 244900	 977100	 263000	 384300	 440300
 343200	 933000	 282200		 440400
 385200	 385100	 419000 [#]		
 403600	 306300	 495600		
 415500	 229000	 274000		
 311300	 437700	 245000		



Standard profiles
Low Lambda

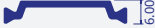
Standard profiles Low Lambda Polyamide

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

12 mm	20 mm	22 mm	23 mm	24 mm	26 mm
 839200	 824300	 817700	 833100	 804100	 824200
	 830600	 818000		 828300	
	 834600			 833800	
	 842700			 829400	
	 829300			 813900	
				 834000	
				 828200	
				 804200	
				 811000	
				 829200	

000000 Article Number / 000000 New Article /

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

28 mm	29 mm	30 mm	32 mm	34 mm	
 809700	 815200	 800200	 823600	 821100	 838600
 806100	 824100	 809800	 803000	 807600	 813300
 803300	 824000		 803100	 802200	 811500
 805900			 806300	 800900	 813200
 809600				 833300	 838500
 803200				 811800	 830100
				 823800	 821000
				 833200	
				 835300	
				 838700	
				 831400	
				 802800	

Standard profiles Low Lambda Polyamide

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

35 mm	36 mm	37 mm	38 mm	39 mm	40 mm
 816900	 809900	 829900	 808000	 810800	 806400
	 840200	 813700		 827300	
				 801600	
				 827200	
				 805100	
				 801500	
				 821300	
				 827100	
				 823400	
				 801400	
				 805000	
				 800800	

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

42 mm	44 mm	45 mm	50 mm	54 mm	55 mm
 806800	 810700	 808100	 812800	 812600	 833500
 840000				 812500	
 840100					
 835700					
 835600					
 839900					

Anti bi-metal

 810000
 824600

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/cm ³	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/m ²	min. 30 or without break ⁽⁵⁾	min. 40 or without break ⁽⁵⁾	min. 35 ⁽⁶⁾
tensile strength	EN ISO 527-2 and -4	N/mm ²	min. 80 ⁽⁷⁾	min. 50 ⁽⁷⁾	min. 110 ⁽⁸⁾
Young's modulus	EN ISO 527-2 and -4	N/mm ²	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/cm ³	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/m ²	min. 20 ⁽⁵⁾	min. 30 ⁽⁵⁾
tensile strength	EN ISO 527-2 and -4	N/mm ²	min. 50 ⁽⁶⁾	min. 35 ⁽⁶⁾
Young's modulus	EN ISO 527-2 and -4	N/mm ²	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.

Cooperation partners

Europe

- Federation of European Window and Curtain Wall Manufacturers' Associations

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
- GANA · Glass Association of North America
- NFRC · National Fenestration Rating Council

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

- Window Association of New Zealand
- Australian Window Association
- AGGA · Australian Glass and Glazing Association

Certifications



Europe

TÜV Certification

according to ISO 9001:2015
Cradle to Cradle Certified™
Gold level Material Health Certificate

Germany

TÜV Certification

according to
ISO 14001:2015
ISO 50001:2011
ISO 45001:2018

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

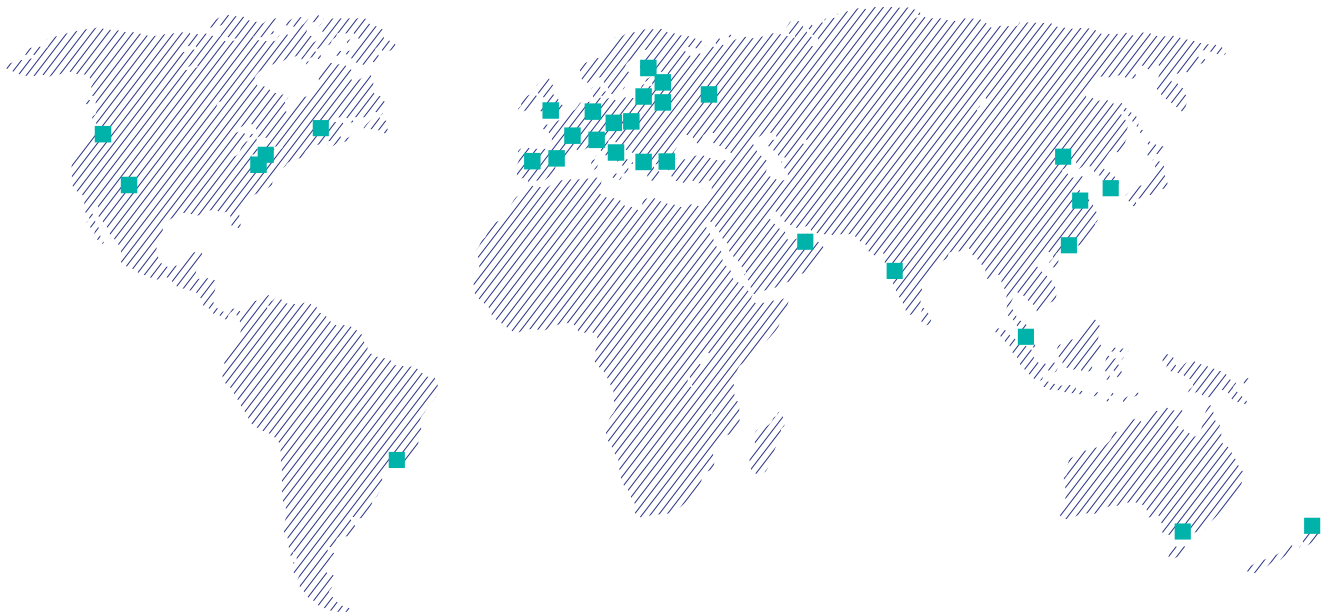
TÜV Certification

according to
ISO 14001:2015
ISO 9001:2015
ISO 45001:2018

Singapore

Singapore Green Building Product – Excellent

Closer than you may think – you find us all over the world.



Europe

Balkans	c/o Milan office
Telephone:	+39 02 9375 721
France	Lyon
Telephone:	+33 762 047301
Germany	Kassel
Telephone:	+49 561 9583400
	Kassel
Telephone:	+49 561 207530
Great Britain	Alcester
Telephone:	+44 1789 761323
Greece	c/o Milan office
Telephone:	+39 02 9375 721
Italy	Milan
Telephone:	+39 02 9375 721
Russia	Moscow
Telephone:	+7 495 9337153
Spain	Barcelona
Telephone:	+34 932 386 438
	Tordesillas
Telephone:	+34 983 796 632
Turkey	c/o Milan office
Telephone:	+39 02 9375 721

The Americas

North America	Twinsburg, OH
Telephone:	+1 330 4876600
	Lafayette, OR
Telephone:	+1 971 8320502
	Johnson City, TN
Telephone:	+1 423 2021812
South America	São Paulo
Telephone:	+55 11 9925 22708
	Argentina
Telephone:	+54 911 4565 5758

Asia

China	Suzhou
Telephone:	+86 512 62833188
	Beijing
Telephone:	+86 010 65907177
	Shenzhen
Telephone:	+86 755 26727912
	Shanghai
Telephone:	+86 21 62611991
	Shenyang
Telephone:	+86 24 23963791
	Hong Kong
Telephone:	+852 2665 6322
	Chengdu
Telephone:	+86 28 84397818

	Linqu
Telephone:	+86 139 5240 2431
	Hangzhou
Telephone:	+86 183 0621 2579
	Xi'an
Telephone:	+86 183 6275 2519
	Tianjin
Telephone:	+86 183 0621 3160
India	Mumbai
Telephone:	+91 96 19333880
Japan	Tokyo
Telephone:	+81 3 55799454
Korea	Seoul
Telephone:	+82 2 5017357
Middle East	Dubai, UAE
Telephone:	+971 4 3215615
Singapore	Singapore
Telephone:	+65 62739595
Taiwan	Taipei
Telephone:	+886 95 5900727

Australasia

Australia	Melbourne
Telephone:	+61 3 88445582
New Zealand	Auckland
Telephone:	+64 9415 9050

TECHNOFORM

www.technoform.com