



Standard Profiles

Insulation solutions for
windows, doors, and facades.

Hello, it's us, Technoform

As a family company, we know that people empower every business. We firmly believe that the best ideas are always born together. We are Technoform – 1,400 and growing, dedicated innovators that work for our customers worldwide.

Understanding what drives customers and markets since 1969, we develop leading solutions collaboratively. Providing 100% reliability and quality on all levels, we offer the same level of high-quality services and solutions all around the world. 45 sites in over 40 countries ensure continuous supply wherever you are.

Performing 360° precision and 1,000+ skills, our highly trained team turns individual needs into tailored technological solutions. Delivering quantities from 1 to 1,000,000, our customers can rely on receiving the best available package of quality, quantity, time, and price.



We invite you to browse through this brochure and find out how we can support your personal vision.



Our everyday business? Finding solutions for you

In a fast-paced industry landscape new ideas and solutions are the currency that matters. Markets emerge, businesses transform, processes change. At Technoform, we unleash the full potential of people and their ideas across a global network to meet today's challenges collaboratively. We are people with a passion for plastics solutions. And in plastics extrusion we excel.

Our unique high-precision extrusion process allows us to form the most complex plastics – including those typically only suitable for injection molding. As a result, we are proud to offer outstanding technical characteristics that go far beyond the ordinary: extremely smooth surfaces, uniquely sharp contours, the lowest tolerances, the highest precision, and various custom material properties you would not usually expect from a plastic solution. In a nutshell: we always look for the perfect solution for you.

Take a look around – we are closer than you may think

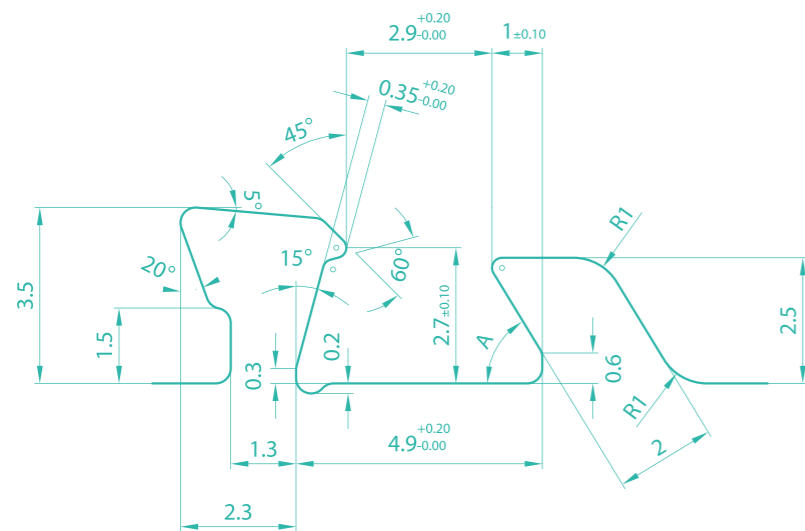
Providing holistic knowledge and technical expertise, we are the can-do partner and problem solver for various industries. This spans from thermal edge bond solutions for architects, building planners, and manufacturers of insulating glass units (IGUs), a vast range of insulation solutions for aluminum windows, doors, and facades, to high-precision plastic profile solutions and system components for the automotive, aviation, and electrical engineering industries – just to name a few.



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 14 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.



Radii ° = R0,2 | Others = R0,3
Angle A = 58,6° for production max. 60°































































































Technoform aluminum standard groove

Thanks to our long-standing expertise we have developed a cost-efficient and precise way to offer a great variety of standard solutions. And yes, when we talk about precision we mean exact calculation, determination of the correct angle and simulation of the product size. Everything that is required to match your needs.

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10 mm	12 mm	13.4 mm	14 mm	14.8 mm	14.8 mm	15 mm	16 mm				
 244800*	 926900*	 979200	 202300	 493100#	 945500*	 208500	 270300	 299000*	 910300	 962159#	 961859
	 405400*	13.5 mm	 913700	 240200#	 931000	 952100 · 962059	 457300*	 486100	 952200#	 973500	 963900
	 975300	 249100	 603200*	14.6 mm	 948500*	 406100#	 403400	 606100*#		 256700*	 203200#
	 977500	 969505	 202400	 506300*	 941600* · 951859	 378600*	 289700		 962259#	 219900	
	 442500*		 217100	 933900 · 951459	 201000	 937600*	 937700		 970559	 253100*	
	 209900		 233200	 951559 · 943300	 931100 · 951759	 953241*	 961559*		 973600	 270000	
	 328100		 948600	 241600	 961459	 221400	 987400		 942100	 940800	
	 958241*		 603300*	 980600	 925500	 237600	 459600*		 976100 · 925100	 976000	
	 433800*#		 486900	 223900	 221900	 246700	 488200		 941800	 214400	
			 948700	 313000	 306400*	 320100*	 977000		 221000	 221100	
			 235300	 259900#	 203900	 257100	 295600		 277200	 227500	

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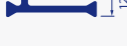





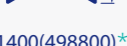









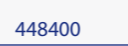



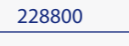

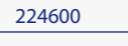



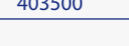
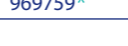


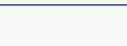

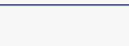


















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16 mm		16.5 mm		18 mm		18.6 mm		20 mm		20.6 mm		22 mm	
 270100	 977400	 955100	 276900	 912100 · 912159	 979300	 933200	 260700* · 942600	 325500	 221500#	 202200	 574600*		
 961959	16.6 mm	 908300*	 290600*	 944300	 330500	 266800* · 279400	 279500 · 296200	 297800	 221600#	 242900	 243000		
 977600	 420800#	 551000*	 414100*	 251500*	19 mm	 912500 · 957600	 976600	 924900*	21 mm	 229900*	 431300		
 445500	17 mm	 221200	 357400	 591300*	 434900*	 361000	 439500#	 964100	 556500	 908400	 977200		
 977900	 592000	 249200	 955200	 276800	 435000*	 387200*	 545600*	 540000*	 357500	 228100	 254100		
 940300	 286600*#	 964000	 277000	 283400*	 435100*	 234700	 964200	 562100	 556400	 257300*	 389600 · 388200*		
 945900	17.4 mm	 261200*	 322100*	 977700	 435200*	 269100*	 957400	 499500#		 271300*	 439100		
 981700	 242700#	 550900*	 248300	 332700*	19.8 mm	 945800*	 444500	 228900		 269700	23 mm		
 539900*		 270200	 955300	 522300*	 457400*	 277400	 228700	 493200*		 966605	 283000#		
 980900		 955000	 418000*#	 522200*	 457500*	 957300*	 966500			 978700*	 282600#		
 277600#		 463600*		 952459	 457600*	 941700	 218500			 551100*	 538800		












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24 mm

 961759 · 933100	 987200	 616200*	 545700*	 969959*	 246600
 965159#	 220300	 940400	 577600*	 399200	 547100*
 390900	 246300*	 203100#	 964300	 439400#	 435300*
 241700#	 271400(498800)*	 956059	 979900	 962659	 214800
 279600	 927200	 957500	 224000	 251600*	 448400
 975900 · 307300*	 925200*	 231900	 228800	 969859*	 224600
 979500	 975700*	 285700*	 403500	 969759*	 964559#
 961105#	 249000	 404000*	 513000(231800)*	 214000	 464600
 459500	 269000*	 228200	 403900*	 984300	 479700*
 936800	 279700	 956159	 418200	 459700*	
 975400	 976700	 414200*	 406200#	 459800*	






24.8 mm

 246100	 215600	 457700*	 215700	 214300	 559000*	 458400*	 366500*	 25 mm	 910400	 979400
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25 mm

 950159	 562800*	 249500	 946700	 974500	 974600	 554100*	 414000*	 431800*	 536700*#
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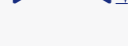


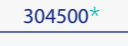

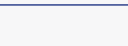



25.3 mm







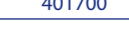




 470200*	 329600*	 329700*	 329800*	 220400
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25.5 mm







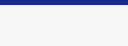

 220400

26 mm


 567000*	 254800	 260600	 453100	 908500	 304500*	 491200	 289300#	 978800	 321800	 978900
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 264100	 357700	 557400*	 557500*	 426400	 394200	 401700	 208700	 301000	 300900	 259300
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27 mm

 544900#	 271900*	 932000	 971605	 253800*	 253900*	 253900*	 942700
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27.5 mm

 942700

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28 mm			29 mm	29.8 mm	30 mm	30 mm	32 mm	34 mm				
467400*	584300*	308600	547200*	458500*	947400	349400	494500	289100	349300	558600	425100	
222500	516900	261900	587400*	458600*	478600	516600	939700	492100	935100*	532600	426300	
				30 mm								
948400	459900*	242100	547400*	30 mm		475300*	277100*#	367900*	273900	949200	274000	429100
927700	460000*	321500	522400*	219500	475400*	414400	259800	488300	463900*	543300	384200	414300
214700	450000	326800	522500*	220800	225500	414300	496000	495600	260900	610700*	258800	414300
						32 mm						
223500*	530800*	548200	522600*	246200	241200	32 mm		355800	422900	430400	460200*	223500*
								34 mm				
551200*	530900*	571000	547300*	603600*	352400	587000*	418400	34 mm		240800	266500	460300*
280900	280800	509900	531500*	908600	364500	239300	218100	603700*	463800(218400)*	986300*	575400*	280900
		29 mm		29.2 mm								
354400	271600	29 mm		29.2 mm		354700	563100	464800	400100	265600	218600	354400
475500	975100*	531300*	460100*	279800 · 282300	974700	303700	412200	610600*	548300	321700	503700#	475500
355400	229100	531400*	498000*	393000	355400	371800	216100	268400	575300*	269200	355400	

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34.8 mm	35 mm	35.3 mm	37 mm	39 mm
468500*	516300*	485500*	394600	546200
468700*	516400*	477400*	394400	575000*
366600*	516500*	477500*	394500	522700*
366700*	358700	36 mm	515000	575100*
35 mm	452300	201300	38 mm	522800*
432000	423700	983400	327800	522900*
337700	423500	412100	266700	575200*
418600	427100	591500*	219300	340000*
215500	392400	335900	340300	340100*
522100	557600	363700	340200	
533200	478100			

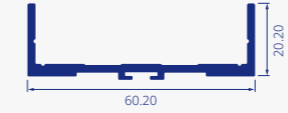



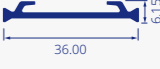


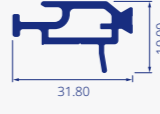


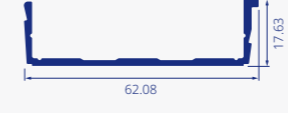

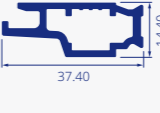


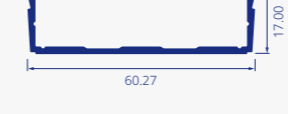

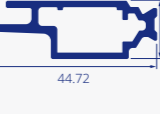



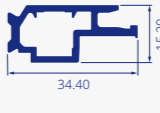




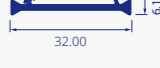
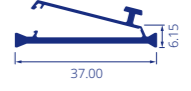
39.8 mm

40 mm	41 mm	44 mm	45 mm	49 mm
357800	441500*	332500 · 502100	466500	617600
605600*	441700*	574700*	46 mm	50 mm
444200	555800*	352100	200100	419400
287800	42 mm	501000	506500*	470800
412000	286300	574800*	467100*	
364700	592900*	574900*	467300*	
442800	334800	604700*	506600*	
441900	593000*	604800*	48 mm	
553500*	461500*		365800	
	463000*		457000	
	599100#			

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54 mm	60 mm	64 mm	77 mm
 419500*	 463500	 328600 *	 261000
 419600*		 507500 *	
 462800*		 507600 *	
 492200			
 539600			

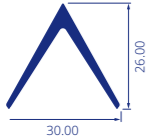
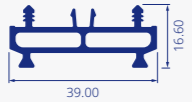
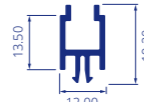

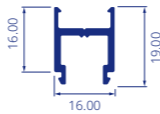
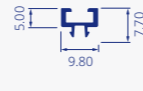
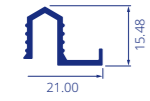

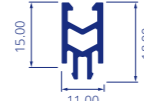
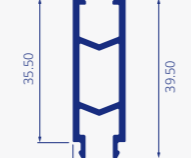
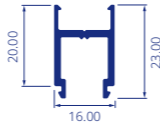
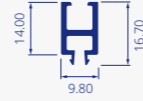
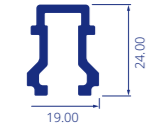
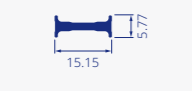
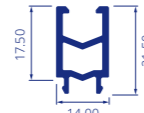
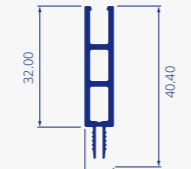
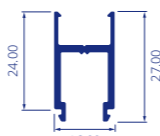
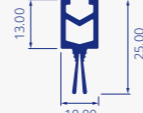
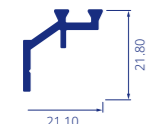

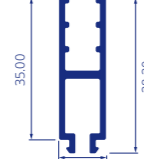
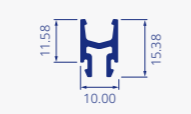
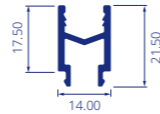
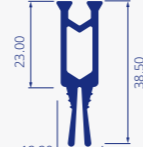
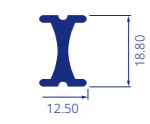
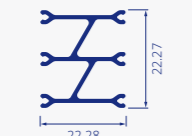
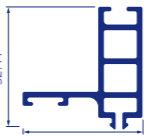
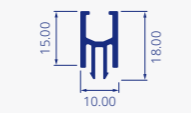
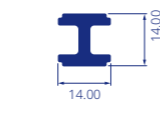
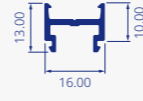
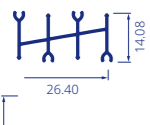
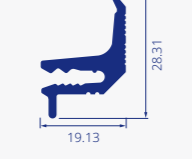
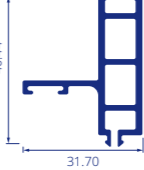
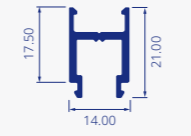
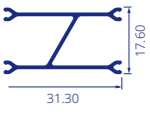
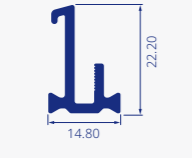
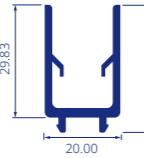

000000 Article Number / 000000 New Article /
* Article production in Asia / # Head not compatible to Standard Groove

Profiles for minimal sliding doors	Operating Rods	Hidden Sash	Anti-bi-metal	
 440100	 224400	 346000	 458800	 521000
 440200	 218000	 375400 #	 317000	 316200
 440300	 254700	 506400 #	 370000	 418100
 440400	 224500	 513400 #	 317100	 387500
	 616500 *	 550600 #	 339900	 339000
		 529500 #	 429900	 464400
			 520900	

Standard profiles

000000 Article Number / 000000 New Article /

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

Specials		Curtain Wall Spacers			
 200600	 339700	 217300	 337400	 959000	 309900
 212100	 492000	 218200	 242400	 959100	 310000
 234800	 432100	 242300 *	 423200	 959200 *	 341700
 254400	 449500	 212500	 248800 *	 472500	 341800
 263800	 461700 *	 398900	 280100	 578700 *	 609100*
 344400	 563700 *	 399000	 536600 *		
 441600 *	 505200	 337500	 491700 *		

Edge Cover	Profiles for sliding windows and doors			
 612700*	 200500 #	 415500	 229000	 419000 #
 610000*	 979600 #	 389900	 272700	 354300
 612900*	 244900	 371900	 232600	 384300
* Aluminium clip can be customised in special cases	 343200	 933000	 245000	 173600
	 385200	 385100	 301000	
	 248100	 263000	 255300	
	 254500	 282200	 519600 *	
	 403600			



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.

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 Gevefabrikanten

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 Fenster- und Fassadenhersteller
- 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 Aluminum in Building
- BFRC · British Fenestration Rating Council

Portugal

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

Italy

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

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

- AAMA · American Architectural Manufacturers Assn.
- GANA · Glass Association of North America
- NFRC · National Fenestration Rating Council
- FGIA · Fenestration and Glazing Industry Alliance
- AEC · Aluminum Extruders 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

Southeast Asia

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

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 14021:2021
RINA Certification
 according to ISO 45001

Belgium
ATG Certification

North America
TÜV Certification
 according to ISO 9001:2015

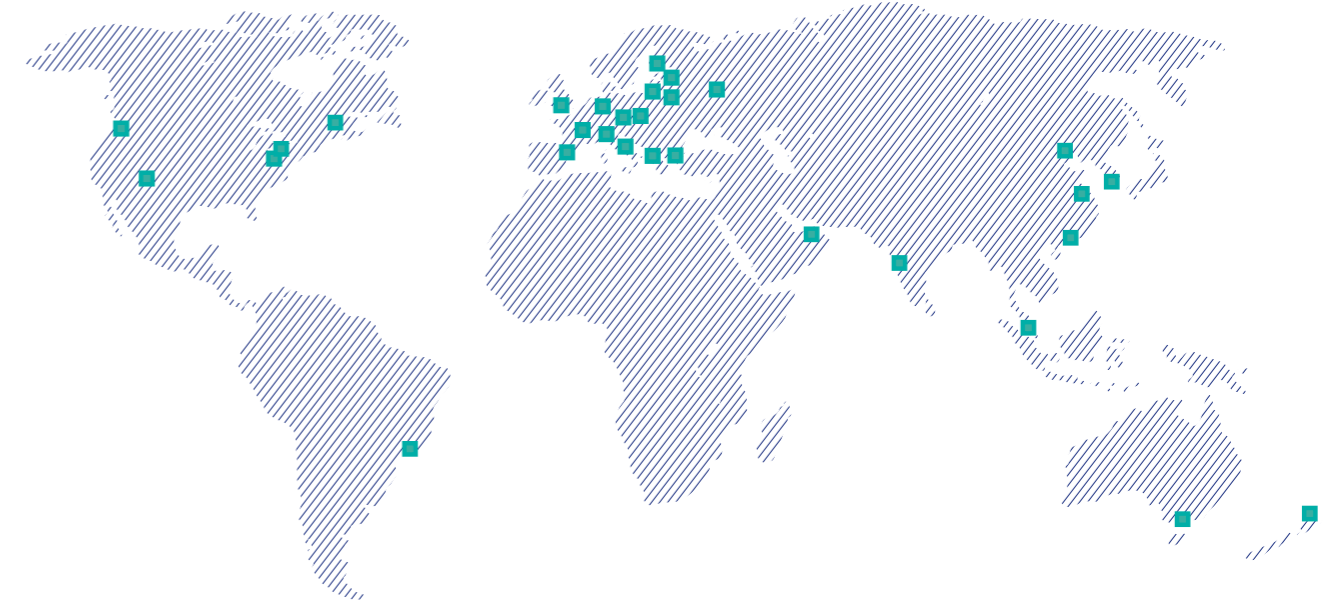
Russia
GOST Certification
 Cradle to Cradle Certified™
Gold level Material Health Certificate

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
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