



PRIVATE LABEL

merz+benteli ag

PRIVATE
LABEL

YOUR BRAND

Sealants and adhesives
Private label formulations

High-Tack

Product	HIGH-TACK EASY	HIGH-TACK EASY EVO	HIGH-TACK STRONG
Application range	Elastic assembly adhesive with high immediate adhesion. Good workability, correctable, good sealing properties, paint-compatible, without addition of phthalates.	Elastic adhesive with medium immediate adhesion and long tooling time. Bonding of panels and natural stone, installation in sanitary areas, without addition of phthalates or tin.	Elastic adhesive with high immediate adhesion and fast initial tack. Efficient production possible, high final strength, without addition of phthalates.
Certificates			
Shore A hardness DIN ISO 7619-1	50	53	52
Elongation at break, DIN 53504 S2	ca. 250 %	ca. 200 %	ca. 225 %
Tensile strength, DIN 53504	ca. 2.9 N/mm²	ca. 2.6 N/mm²	ca. 2.9 N/mm²
Tooling time	max. 8 Min.	max. 20 Min.	max. 5 Min.
Curing rate 24h/48h	≥ 3.0 mm / ≥ 4.5 mm	≥ 3.0 mm / ≥ 4.0 mm	≥ 2.5 mm / ≥ 3.5 mm
Temperature resistance after curing	-40 °C to + 90 °C	-40 °C to + 90 °C	-40 °C to + 90 °C
Application temperature	+ 5 °C to + 40 °C	+ 5 °C to + 40 °C	+ 5 °C to + 40 °C

Product	HIGH-TACK EXTREME	FAST	TRANSPARENT EVO
Application range	Elastic adhesive with extremely high immediate adhesion. Suitable for installation without additional fixing in the construction area, without addition of phthalates.	Elastic adhesive with fast initial tack. Suitable for industrial bonding applications where a short tack time is required, paint-compatible, without addition of phthalates.	Elastic transparent adhesive with high immediate adhesion. For indoor bonding, high UV stability, without addition of phthalates or tin.
Certificates			
Shore A hardness DIN ISO 7619-1	58	50	33
Elongation at break, DIN 53504 S2	ca. 300 %	ca. 200 %	ca. 200 %
Tensile strength, DIN 53504	ca. 3.2 N/mm²	ca. 3.4 N/mm²	ca. 2.0 N/mm²
Tooling time	max. 10 Min.	max. 8 Min.	max. 7 Min
Curing rate 24h/48h	≥ 2.0 mm / ≥ 3.5 mm	≥ 3.5 mm / ≥ 4.5 mm	≥ 2.5 mm / ≥ 3.5 mm
Temperature resistance after curing	-40 °C to + 90 °C	-40 °C to + 90 °C	-40 °C to + 90 °C
Application temperature	+ 5 °C to + 40 °C	+ 5 °C to + 40 °C	+ 5 °C to + 40 °C

Transparent

Product	TRANSLUCENT	INVISIBLE EVO	STANDARD
Application range	Elastic translucent adhesive and sealant. Sealing and bonding in sanitary areas and ventilation and air conditioning systems (HVAC), without addition of phthalates.	Elastic transparent adhesive for indoor use, without addition of phthalates or tin.	Elastic transparent adhesive for indoor use. Slightly bluish shimmer like a glacier, without addition of phthalates.
Certificates			
Shore A hardness DIN ISO 7619-1	32	32	40
Elongation at break, DIN 53504 S2	ca. 250 %	ca. 300 %	ca. 250 %
Tensile strength, DIN 53504	ca. 2.0 N/mm²	ca. 2.5 N/mm²	ca. 2.8 N/mm²
Tooling time	max. 15 Min.	max. 3 Min.	max. 5 Min.
Curing rate 24h/48h	≥ 2.0 mm / ≥ 3.0 mm	≥ 2.5 mm / ≥ 3.5 mm	≥ 2.0 mm / ≥ 3.0 mm
Temperature resistance after curing	-40 °C to + 80 °C	-40 °C to + 80 °C	-40 °C to + 80 °C
Application temperature	+ 5 °C to + 40 °C	+ 5 °C to + 40 °C	+ 5 °C to + 40 °C

Elastic adhesives

Product	LOW-SHORE	MEDIUM-SHORE	HIGH-SHORE
Application range	Elastic adhesive and sealant with a long processing time. For indoor and outdoor use, wide adhesion range.	Elastic adhesive with high weather resistance. Suitable for bonding and sealing in vehicle and mechanical engineering, without addition of phtalates.	High-strength elastic adhesive. Very wide adhesion range, suitable for marine applications, paint-compatible, without addition of phtalates.
Certificates			
Shore A hardness DIN ISO 7619-1	40	45	55
Elongation at break, DIN 53504 S2	ca. 300 %	ca. 350 %	ca. 300 %
Tensile strength, DIN 53504	ca. 2.1 N/mm²	ca. 2.5 N/mm²	ca. 3.1 N/mm²
Tooling time	max. 20 Min.	max. 30 Min.	max. 10 Min.
Curing rate 24h/48h	≥ 2.5 mm / ≥ 3.5 mm	≥ 3.0 mm / ≥ 4.0 mm	≥ 2.0 mm / ≥ 4.0 mm
Temperature resistance after curing	-40 °C to + 90 °C	-40 °C to + 90 °C	-40 °C to + 90 °C
Application temperature	+ 5 °C to + 40 °C	+ 5 °C to + 40 °C	+ 5 °C to + 40 °C

HIGH-SHORE EVO	PLASTICS	SPRAYABLE
High-strength elastic adhesive. Very wide adhesion range, paint-compatible, without addition of phtalates or tin.	Elastic adhesive with a wide adhesion range. Excellent adhesive properties on many materials, including plastics, high final strength, without addition of phtalates.	Sprayable adhesive and sealant. For efficient large area bonding, protection of weld seams, long processing time, non-corrosive on surfaces, without addition of phtalates.
Certificates		
55	60	32
ca. 200 %	ca.. 250 %	ca. 300 %
ca. 2.4 N/mm²	ca. 2.7 N/mm²	ca. 2.1 N/mm²
max. 30 Min.	max. 15 Min.	max. 25 Min.
≥ 3.0 mm / ≥ 4.5 mm	≥ 2.0 mm / ≥ 3.0 mm	≥ 2.0 mm / ≥ 3.0 mm
-40 °C to + 90 °C	-40 °C to + 90 °C	-40 °C to + 90 °C
+ 5 °C to + 40 °C	+ 5 °C to + 40 °C	+ 5 °C to + 40 °C

Construction sealants

Product	CONSTRUCTION	CONSTRUCTION EVO	WINDOW
Application range	Elastic sealant for connection and movement joints. Facades, interior and exterior windows, doors, furniture, paint-compatible, without addition of tin.	Elastic sealant for connection and movement joints. Facades, interior and exterior windows, doors, without addition of phtalates or tin.	Elastic sealant for glazing. Wood, metal and plastic windows, extremely weather-resistant, paint-compatible.
Certificates			
Shore A hardness DIN ISO 7619-1	24	24	24
Elongation at break, DIN 53504 S2	ca.500 %	ca. 500 %	ca. 300 %
Tensile strength, DIN 53504	ca. 0.7 N/mm²	ca. 0.7 N/mm²	ca. 1.4 N/mm²
Tooling time	max. 30 Min.	max. 30 Min.	max. 30 Min.
Curing rate 24h/48h	≥ 2.0 mm / ≥ 3.0 mm	≥ 2.0 mm / ≥ 3.0 mm	≥ 2.0 mm / ≥ 3.0 mm
Temperature resistance after curing	-40 °C to + 90 °C	-40 °C to + 90 °C	-40 °C to + 90 °C
Application temperature	+ 5 °C to + 40 °C	+ 5 °C to + 40 °C	+ 5 °C to + 40 °C

MULTIPURPOSE	FIRE PROTECTION	STRUCTURED
Connection and movement joints indoor and outdoor, sanitary areas, kitchens, on natural stone, ideal as an assembly adhesive and for repairs, without addition of phtalates.	Elastic sealant for fire protection joints. Fire barriers up to 180 minutes, flame retardant, low smoke emission, paint-compatible, without addition of phtalates.	Elastic sealant for joints with a decorative plaster texture. Connection and movement joints indoors and outdoors, doors, furniture, paint-compatible.
		
32	26	26
ca. 600 %	ca. 225 %	ca. 130 %
ca. 1.6 N/mm²	ca. 1.5 N/mm²	ca. 0.5 N/mm²
max.30 Min.	max. 15 Min.	max. 23 Min.
≥ 2.5 mm / ≥ 3.5 mm	≥ 3.0 mm / ≥ 4.5 mm	≥ 2.0 mm / ≥ 3.0 mm
-40 °C to + 90 °C	-40 °C to + 90 °C	-20 °C to + 100 °C
+ 5 °C to + 40 °C	+ 5 °C to + 40 °C	+ 5 °C to + 40 °C

Industry

Product	2K-STANDARD	2K-FAST	HIGH-TEMPERATURE
Application range	Elastic 2-component adhesive with a tooling time of approx. 30 minutes. Cures independently of humidity, stable, good sealing properties, without addition of phtalates.	Elastic 2-component adhesive with tooling time of approx. 4 minutes. Cures independently of humidity, stable, good sealing properties.	Elastic adhesive with short-term high temperature resistance. Fast initial tack, high final mechanical strength, compatible with powder coatings, without addition of phtalates.
Certificates			
Shore A hardness DIN ISO 7619-1	45	48	57
Elongation at break, DIN 53504 S2	ca. 300 %	ca. 150 %	ca. 200 %
Tensile strength, DIN 53504	ca. 2.4 N/mm²	ca. 3.5 N/mm²	ca.. 3.7 N/mm²
Tooling time	max. 30 Min.	max. 4 Min.	max. 8 Min.
Curing rate 24h/48h	polymérisé après 4 heures	polymérisé après 1 heure	≥ 2.5 mm / ≥ 3.5 mm
Temperature resistance after curing	-40 °C to + 90 °C	-40 °C to + 90 °C	-40 °C to + 90 °C
Application temperature	+ 5 °C to + 40 °C	+ 5 °C to + 40 °C	+ 5 °C to + 40 °C

MARINE ADHESIVE	MARINE SEALANT
Elastic adhesive for ship-building. Bonding of hatches, skirting boards, brackets, fixtures, weather-resistant, without addition of phtalates.	Adhesive and sealant for ship-building. Movement joints indoors and outdoors, glazing, sanitary areas, bonding, ideal for repairs, without addition of phtalates.
	
55	32
ca. 300 %	ca. 600 %
ca. 3.1 N/mm²	ca. 1.6 N/mm²
max. 10 Min.	max. 30 Min.
≥ 2.0 mm / ≥ 4.0 mm	≥ 2.5 mm / ≥ 3.5 mm
-40 °C to + 90 °C	-40 °C to + 90 °C
+ 5 °C to + 40 °C	+ 5 °C to + 40 °C

Industry

Product	RAILWAY ADHESIVE	RAILWAY SEALANT	WINDSHIELT
Application range	Elastic adhesive for fire safety. Tested for railway vehicles, high mechanical strength, exceptionally high heat stability, without addition of phtalates or tin.	Elastic sealant for fire safety. Tested for railway vehicles, flame-retardant sealing for indoor and outdoor use, without addition of phtalates.	Elastic windscreen adhesive with a 60-minute drive-away time. Good workability, correctable, very high immediate adhesion and high final strength as a general assembly adhesive, without addition of phtalates.
Certificates	EN 45545-2, R22 + R23, HL 1+2+3 	EN 45545-2, R22 + R23, HL 1+2 	
Shore A hardness DIN ISO 7619-1	58	26	55
Elongation at break, DIN 53504 S2	ca. 170 %	ca. 225 %	ca. 300 %
Tensile strength, DIN 53504	ca. 3.0 N/mm²	ca. 1.5 N/mm²	ca. 3.3 N/mm²
Tooling time	max. 30 Min.	max. 15 Min.	max. 15 Min.
Curing rate 24h/48h	≥ 2.0 mm / ≥ 3.5 mm	≥ 3.0 mm / ≥ 4.5 mm	≥ 3.5 mm / ≥ 4.5 mm
Temperature resistance after curing	-40 °C bis + 90 °C	-40 °C bis + 90 °C	-40 °C bis + 90 °C
Application temperature	+ 5 °C bis + 40 °C	+ 5 °C bis + 40 °C	+ 5 °C bis + 40 °C



merz+benteli ag

Freiburgstrasse 616
CH-3172 Niederwangen
Tel. +41 31 980 48 48
Fax +41 31 980 48 49
info@merz-benteli.ch
www.merz-benteli.ch

 **SWISS MADE**