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EUROLASTIC PRO M 40

Elastic 1-component SMP high-performance sealant/adhesive for floor and building construction joints with a permissible total deformation of 25%.

PRODUCT DESCRIPTION	EUROLASTIC PRO M 40 is a 1-component sealant on Silane-modified polymer base, characterized by its high mechanical resistance.
SCOPE	<ul style="list-style-type: none">- Movement and connection joints in heavily stressed indoor and outdoor areas such as e.g. in warehouses, parking decks, underground garages, production halls, Tunnel construction etc.- for surfaces that require regular machine cleaning are subject- Joints in wastewater systems with municipal Wastewater- Bonding of various plastics such as EPDM profiles- for indoor and outdoor use- for pedestrian and vehicular surfaces- food industry
PRODUCT FEATURES	<ul style="list-style-type: none">- elastic- weather-resistant- Solvent-, isocyanate-, silicone-free- low odor- very good workability- very good adhesion to various surfaces, even without Primer- 1-component, neutral crosslinking- very good temperature resistance (-40°C to +90°C)- High mechanical resistance (Shore A hardness of 45)- Resistant to water, aliphatic solvents, oils, fats,- dilute organic acids and alkalis- moderately effective against esters, ketones and aromatics- excellent cold elasticity- sandable and paintable
COLORS	Grey, black, white



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SUBSTRATE PREPARATION	<p>The substrate temperature must be in the range of +5°C to +40°C and a temperature of the bonding surfaces of at least 3°C are above the prevailing dew point temperature.</p> <p>Bonding surfaces must be clean, free of oil and grease, dry and free of any separating agents at the time of grouting substances.</p>
BACKFILL	<p>The joint space must be tightly and firmly backfilled with closed-cell polyethylene round cord. This must not be damaged when applying the sealant.</p>
PRIMER	<p>EUROLASTIC PRO M 40 has very good adhesion properties on various clean and firm surfaces for substrates without primer. We recommend for heavily soiled areas, stressed joints or porous and highly absorbent surfaces.</p> <p>Substrates such as concrete/sandstone require pretreatment.</p> <p>Joint edges primed with a primer: EUROLASTIC U12G in overrun areas and EUROLASTIC Primer B1 for Building applications</p>
PROCESSING CONDITIONS	<p>Material temperature: min. +10°C max. +30°C</p> <p>Subsurface temperature: between +5°C and +40°C</p> <p>Ambient temperature: between +5°C and +40°C</p> <p>The dew point must be taken into account!</p>
PROCESSING	<p>Apply the joint sealant using a suitable hand-held caulking gun. free of bubbles and cavities, and with full surface contact to the Insert the joint edge. Then smooth the joint surface with a suitable smoothing tool or the spatula was removed and smoothed. When using of smoothing agents must be tested. Due to the wide variety of different plastics and compositions as well as materials that are since stress cracks are prone to cracking, preliminary tests are recommended.</p> <p>Not suitable for use on copper cover strips and for window sealing.</p>
CLEANING	<p>The tools can be cleaned with rubbing alcohol, isopropanol or EUROLASTIC Cleaner G cleaned of fresh material. Once fully reacted, they can only be cleaned mechanically.</p> <p>become.</p>



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CONSUMPTION	Joint width in mm	Joint depth in mm	Consumption in ml/m
	10	10	Approximately 100
	15	12-15	approx. 180-225
	20	16-20	approximately 320 - 400
	25	20-25	approximately 500 - 625
	30	24-30	approximately 720 - 900
	35	28-35	ca. 980 - 1225
	40	32-40	ca. 1280 - 1600
PACKAGING	EUROLASTIC PRO M 40 is supplied in a 600 ml foil pouch. (12 pieces per carton) delivered.		
STORAGE AND SHELF LIFE	Store in cool and dry conditions (+15°C to +25°C). Under these conditions, the shelf life in the unopened and undamaged original container is 18 months.		
EXAMS/ APPROVALS/STANDARDS	<ul style="list-style-type: none">- ISEGA (food-related sector)- ISO 11600		
SPECIAL INSTRUCTIONS/PROTECTIVE MEASURES	EUROLASTIC PRO M 40 waste and containers must be in be safely disposed of. Release into the environment avoid. Completely emptied containers can be returned to the recycling system. KBS/Interseroh will be returned. The information in the corresponding safety data sheet is This must be strictly observed.		



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TECHNICAL DATA *		
KEY FEATURE	PERFORMANCE	HARMONIZED TECHNICAL SPECIFICATION
Fire behavior	Class E	EN 15651-1: 2012-12, EN 15651-4: 2012-12
Release of substances hazardous to health and/or the environment chemicals	rated	
Water and airtightness		
a) Standing power	≤ 3 mm	
b) Volume loss	≤ 10%	
c) Tensile behavior after pre-tensioning after immersion in water	NF	
d) Tensile behavior under preload	NF	
e) Tensile behavior under preload at -30°C	NF	
f) Tensile behavior (secant modulus / elongation at break)	> 0.4 MPa	
g) Tensile behavior (secant modulus) at -30°C	kK .	
h) Adhesive/elongation behavior under preload after 28 days Water storage	NF	
i) Adhesive/elongation behavior under preload after 28 days Saltwater storage	NF	
j) Tear resistance	NF	
k) Durability	passed	
Chemical resistance		See chemical resistance list

*These figures are guidelines only. They are not intended for creating specifications.

The data were obtained at +23°C and 50% relative humidity. Higher temperatures and/or higher relative humidity may shorten or lengthen these times. All technical data, dimensions, and information in this datasheet are based on laboratory tests. Actual measured data may differ in practice.

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