EASYMAX

FAST SETTING POLYURETHANE PUTTY
ODOR-FREE – SANDABLE – LOW DENSITY

APPLICATIONS

Soft and odour-free polyurethane putty for :

- *repairs, filling and bonding of low density machinable slabs,*
- *fillets,*
- *splinning of surfaces on any material.*

CHARACTERISTICS

- *Easy mixing ratio, 100 : 100, by weight or by volume*
- *Easy to mix and to apply with a spatula*
- *Fast setting; sanding after 20 min. at 25°C*
- *Can be applied on any material (metal, wood, composites, polyurethane or polystyrene foams, polyester,…), except for some thermoplastics and silicones*
- *Very smooth grain after sanding*
- *Low density*
- *Almost no shrinkage (< 0,01% on 10 mm thick sample)*
- *Odour-free, not flammable*
- *Can be applied at temperatures from 0°C to 60°C*

PROCESSING CONDITIONS

Both parts must be thoroughly mixed according to the mixing ratio indicated on this technical data sheet. Before use, check that the support is free of any dust, grease or pollution.

During processing, pot life and time before sanding may vary depending on the ambient temperature (refer to graphic below).).The exothermy that will develop during hardening varies with the thickness of product applied, up to a maximal value of 79°C (174°F) (refer to graphic below).

***Advice :** Test is necessary when using painting in order to verify compatibility between the putty and the primer. A polyester base primer is recommended.*

HANDLING PRECAUTIONS

Normal health and safety precautions should be observed when handling these products :

- *ensure good ventilation*
- *wear gloves, safety glasses and clothes.*

For further information, please consult the product safety data sheet.

GUARANTEE

Information of our technical data sheet is based on our present knowledge and the result of tests conducted under precise conditions. It is the responsibility of the user to determine the suitability of AXSON products for his application under his own conditions. AXSON refuses any guarantee about the compatibility of a product with any particular application. AXSON disclaims all responsibility for damage from any incident which results from the use of these products. The guarantee conditions are regulated by our general sale conditions.

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PHYSICAL PROPERTIES				
		PART A	**PART B**	**MIXING**
Composition		**ISOCYANATE**	**POLYOL**	
Mixing ratio by weight Mixing ratio by volume at 25°C		100 100	100 100	
Aspect		paste	paste	paste
Colour		beige	grey brown beige	grey brown beige
Density of parts before mixing Density of cured product	ISO 1675 : 1985 ISO 2781 : 1988	0,68 -	0,68 -	- 0,68

SPECIFIC PROPERTIES AT 23°C (1)			
Hardness	ISO 868 : 1985	Shore D1	57
Preferred temperature of application	-	°C / °F	0/60 (32/140)
Thickness of application on a vertical wall	-	mm	Up to 30
Hardening time (full properties)	-	days	6
Glass transition temperature (Tg)	T.M.A. Mettler	°C / °F	65 / 149

MECHANICAL PROPERTIES AT 23°C (1)			
Flexural modulus of elasticity	ISO 178 : 1993	MPa	870
Flexural strength	ISO 178 : 1993	MPa	15
Charpy impact resistance	ISO 179/1eU : 1993	kJ/m^2	3
Shrinkage (sample 800*60*10 mm)	-	%	< 0,01
Lap shear strength at initial condition on aluminium	ISO 4587 : 1995	MPa	10
Lap shear strength after thermal ageing on aluminium • After 14 days at 70°C • After 14 days at 100°C	ISO 4587 : 1995	MPa	 9 11

(1) : Average values obtained on standard specimens / Hardening 6 days at room temperature

STORAGE CONDITIONS

Shelf life of both parts is 6 or 12 months depending on packaging used in a dry place and in their original unopened containers at a temperature between 15 and 25°C.

After each application, tightly close each can to retain the properties of the product. To be used immediately after opening.

PACKAGING

Polyol 1 x 6 kg
Isocyanate 1 x 6 kg

Box of 6 x (0,250 + 0,250) kg
Box of 12 cartridges 50 ml
Box of 12 cartridges 400 ml

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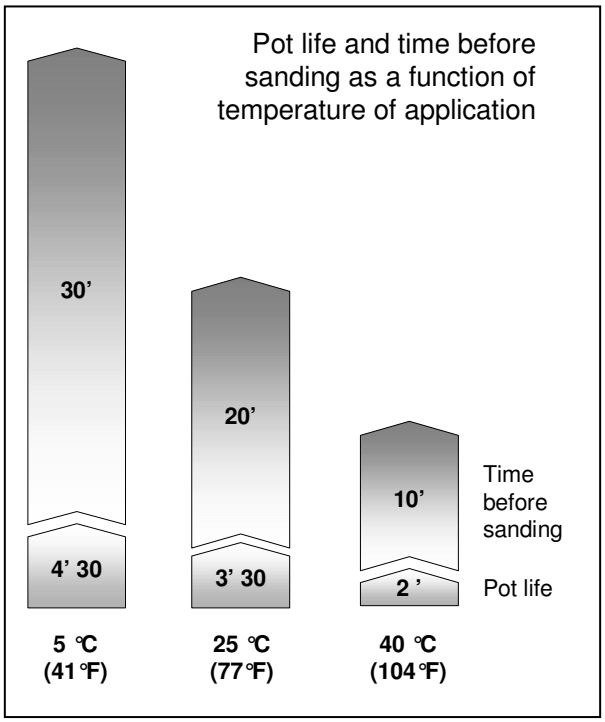
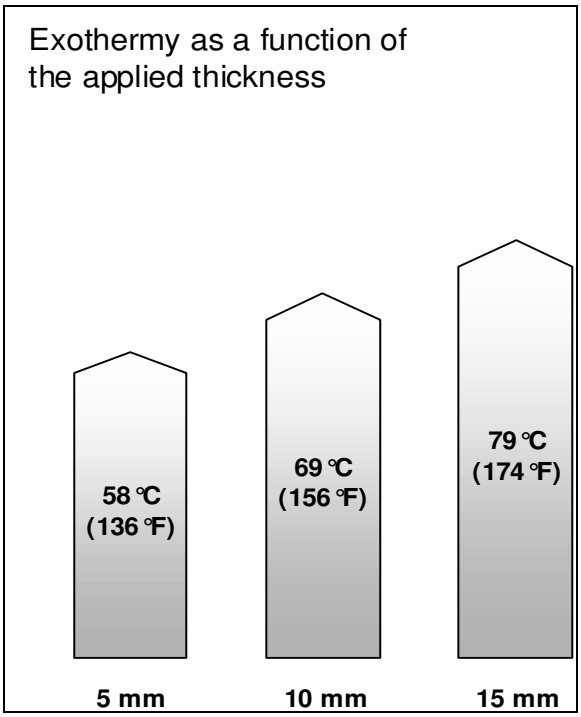
ANNEX 1





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