



BUILDING TRUST



# EASYMAX ISOCYANATE EASYMAX-R POLYOL FAST SETTING POLYURETHANE PUTTY ODOR FREE – SANDABLE – LOW DENSITY

## DESCRIPTION

Soft and odour-free polyurethane putty for:

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

## PROPERTIES

- 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 waterproof clothes

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

## GUARANTEE

The information contained in this technical data sheet result from research and tests conducted in our Laboratories under precise conditions. It is the responsibility of the user to determine the suitability of AXSON products, under their own conditions before commencing with the proposed application. AXSON guarantee the conformity of their products with their specifications but cannot guarantee the compatibility of a product with any particular application. AXSON disclaim all responsibility for damage from any incident which results from the use of these products. The responsibility of AXSON is strictly limited to reimbursement or replacement of products which do not comply with the published specifications.

#### PHYSICAL PROPERTIES

		PART A	PART B	MIXED
Composition		ISOCYANATE	POLYOL	
Mix ratio by weight		100	100	
Mix ratio by volume at 25°C		100	100	
Aspect		Paste	Paste	Paste
Colour		Beige	Grey Brown Beige	Grey Brown Beige
Specific gravity at 25°C (g/cm <sup>3</sup> )	ISO 1675 : 1985	0.68	0.67	-
Specific gravity of cured product at 23°C	ISO 2781 : 1996	-	-	0.73
Pot life at 25°C on 40 g (min)	Internal method			3'20

#### SPECIFIC PROPERTIES (1)

Hardness	ISO 868 : 1985	Shore D	64
Preferred temperature of application	-	°C	0 / + 60
Thickness of application on a vertical wall	-	mm	Up to 30
Hardening time (full properties)	-	days	6

#### MECHANICAL PROPERTIES at 23°C (1)

Flexural modulus of elasticity	ISO 178: 2010	MPa	1465
Flexural strength	ISO 178: 2010	MPa	21
Flexural strain at flexural strength	ISO 178: 2010	%	1.97
Impact strength (CHARPY) <i>Unnotched specimens</i>	ISO 179/1eU : 1994	kJ/m <sup>2</sup>	6
Linear shrinkage (specimen 800x60x10mm)	-	mm/m	< 0.01
Lap shear strength at initial condition <i>on sandblasted 150 mesh aluminium 2017A</i>	ISO 4587 : 1995	MPa	12
Lap shear strength at initial condition <i>on sandblasted 150 mesh aluminium 2017A</i>	ISO 4587 : 1995	MPa	9
<ul style="list-style-type: none"> <li>After 14 days at 70°C</li> <li>After 14 days at 100°C</li> </ul>			10

(1) Average values obtained on standardized specimens / Hardening 4h at 80°C + 16h at 100°C

### 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

In separated parts			
	Beige	Brown	Grey
Box of 6 x (0.25 + 0.25) Kg	X	X	X
Box of cartridges			
Box of 12 cartridges of 50 ml	-	X	-
Box of 12 cartridges of 400 ml	X	X	-

ANNEX 1

