

Description

One of our easiest to use adhesives. EasyMax mixes 1 to 1 by weight or volume. It can be applied in a layer up to 1.2 inches (30mm) thick at one time to make an excellent filler or repair paste. After just 20 minutes it can be sanded or machined. It bonds to virtually any type of substrate including polystyrene. It is lightweight and works extremely well with foam board. EasyMax can also be applied to damp surfaces. Some of its most popular uses are general bonding, design changes to models, grouting, and filling of voids.

Properties

- Easy to use cartridge kit
- Bonds a wide variety of substrates
- Fast-Setting
- No shrinkage
- Applies up to 1.2 inches (30mm) thick per layer
- Fills or bonds materials
- Polyurethane - styrene free
- Sandable in less than 30 minutes
- Non-flammable
- Low exotherm, even at thick layers
- Lightweight, low density
- Well suited as a wood adhesive and filler

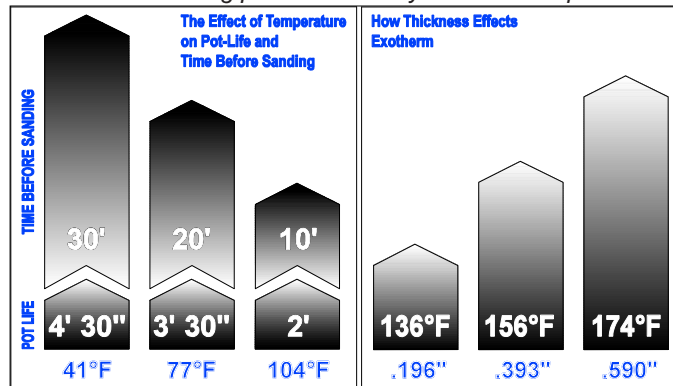
Physical Properties

Composition		EasyMax Resin	EasyMax Hardener	Mixed
Mix Ratio - by weight		100	100	
Mix Ratio - by volume		100	100	
Viscosity		Paste	Paste	Paste
Color		Beige or Brown	Grey	Beige or Brown
Density		.68	.68	-
Cured Density		-	-	.68
Pot Life at 77°F/25°C	Minutes		-	4
Final Hardening Time at 77°F (25°C)	Minutes			20
Working Temperature	°F (°C)			-32 – 140 (-36 – 60)

Cured Properties at 74°F (23°F)

Final Hardness	ISO 868-85	Shore D	57
Thickness of application on a vertical wall	-	inches (mm)	up to 1.2 (30)
Hardening Time (full properties)	-	days	6
Glass Transition (Tg)	TMA Mettler	°F (°C)	149 (65)
Flexural modulus of elasticity	ISO 178-93	psi (mPa)	126,182 (870)
Flexural Strength	ISO 178-93	psi (mPa)	2,175 (15)
Charpy Impact Resistance	ISO 179/1eU-93	ft-lb/in ² (kJ/m ²)	1.4 (3)
Shrinkage (sample 31.5" x 2.36" x .39"(800 x 60 x 990 mm))	-	%	<0.01

* **Note:** The above values were obtained after curing product for 6 days at room temperature.



Storage Conditions

This product has a shelf life of 6 months as indicated by the expiration date on the container when stored in original unopened containers between 59 – 77°F (15 – 25°C). Any opened can must be tightly closed.

Handling Precautions

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

- Ensure good ventilation
- Wear gloves, and safety glasses

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

Guarantee

The information contained in this technical data sheet results 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 guarantees the conformity of their products with their specifications but cannot guarantee 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 responsibility of AXSON is strictly limited to reimbursement or replacement of products which do not comply with the published specifications.