

DESCRIPTION

Glass clear epoxy resin for art and decoration applications.

PROPERTIES

- Easy to use
- Ratio mixing by volume 2/1
- High transparency
- Can be applied on any material (wood, ceramic, plastic, paper)
- Thickness coating 1 to 3 mm
- Doming effect

PHYSICAL PROPERTIES				
Composition		RESIN	HARDENER	MIXED
Mix ratio by weight		100	43	
Mix ratio by volume at 25°C		100	50	
Aspect		liquid	liquid	liquid
Colour		transparent blue	transparent	transparent
Viscosity at 25°C (mPa.s)	BROOKFIELD LVT	2,600	800	1,500
Specific gravity at 25°C (g/cm ³)	ISO 1675 : 1985	1.17	1.00	-
Specific gravity of cured product at 23°C	ISO 2781 : 1996	-	-	1.15
Pot life at 25°C on 143 g (min)	Gel Timer TECAM			42
Tackfree time in thin layer (1 to 3 mm) at 20°C		-	h	4 - 5

MECHANICAL PROPERTIES at 23°C (1)			
Glass transition temperature (Tg)	ISO 11359 : 2002	°C	64
Hardness	ISO 868 : 2003	Shore D1/D15	87 / 85

(1): Average values obtained on standard specimens / Hardening 16 hours at 80°C

PROCESSING CONDITIONS

Mixing by hand. Bubbles created can be broken by using a flame or by brushing the surface with forced hot air.

Before handling, we recommend to let dry 7-8 hours at room temperature.

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.

STORAGE CONDITIONS

Shelf life of this product is 12 months stored in a dry place and in original unopened containers at a temperature between 15 and 25° C.

PACKAGING

TRANSLUX D 155 RESIN	TRANSLUX D 155 HARDENER
227 kg	200 kg
5 kg	2.15 kg

GUARANTEE

The information of our technical data sheet are 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, under their own conditions before commencing with the proposed application. AXSON refuse any guarantee about 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 guarantee conditions are regulated by our general sale conditions.