

TECHNIREZ R2533 is a solvent free, epoxy resin paste specifically designed for use with H2533 hardener, that will cure at room temperature, for use in the pattern making and mould making industries.

The resin and hardener are easily mixed by hand\* to form a soft workable paste, that, when cured, can be cut and shaped with regular woodworking tools. R2533 exhibits high dimensional stability, and layers of up to 10mm can be applied in one operation.

*\* Rubber gloves must be worn at all times when mixing R2533 Polymer Clay by hand.*

**MIX RATIO**

1 part hardener to 1 part resin by volume

*Note: Care should be taken when dispensing and mixing. Do not attempt to control the cure time by altering the hardener ratio. Contact ATL Composites for specific information.*

UNCURED PROPERTIES		
	R2533	H2533
Physical State	White Paste	Brown Paste
Specific Gravity g/ml@25°C	0.5-0.6	0.4-0.5

CURE CHARACTERISTICS	
Pot Life -100g@25°C (in air)	30-40 minutes
Demold time @25°C	12-16 hours
Minimum Cure Time	12 hours
Shore D Hardness	50-60
HDT	40-45°C

TYPICAL CURED PROPERTIES	
Tensile Strength	20-25 MPa
Compressive Strength	75-85 MPa
Flexural Strength	25-30 MPa
Flexural Modulus	2500-2800 MPa
Linear Shrinkage	0.01-0.02%

PACK SIZES				
Order Code		Order Code		PACK
Resin		Hardener		
RD 2533	10 L	HD 2533	10 L	20 L

**STORAGE**

TECHNIREZ R2533 resin and H2533 hardener will keep for 2 years if kept in original containers at room temperature (15°C to 32°C), and out of direct sunlight. Containers should be tightly sealed to prevent moisture absorption.

**HEALTH AND SAFETY**

TECHNIREZ R2533 resin and H2533 hardener have moderate sensitising potential, and should be kept out of the eyes and off the skin.

- Use with good ventilation and adequate safety equipment including impervious gloves and safety glasses.
  - If skin contact occurs, remove contaminated clothing immediately, and wash the affected area thoroughly with water, avoiding the use of solvents except in the case of massive contamination.
  - If eye contact occurs, immediately flush with running water for at least 15 (fifteen) minutes and seek medical advice.
  - If swallowed:
- Resins** - DO NOT induce vomiting, and contact a doctor or the Poisons Information Centre.
- Hardeners** - DO NOT induce vomiting, give plenty of milk or water and contact a doctor or the Poisons Information Centre.

NOTE Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute a warranty, express or implied, including any warranty or merchantability or fitness, nor is protection from law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special or consequential damages. 29/10/12

