

KINETIX® R100 is a Xylene free, liquid epoxy filler coat system specifically formulated for use with the KINETIX 110X surfboard laminating system. R100 can be mixed with either H125 Standard and H130 Fast hardeners to provide a filler coat that is easy to sand and reduces the chance of pin-holes occurring.

Being Xylene free and pre-blended, R100 provides improved Health & Safety aspects, and is easier to use, in comparison to the wax/Xylene blends that are commonly added to provide the above improvements.

R100 has been formulated to have rapid air release once mixed and applied in thin film. Higher coating thicknesses should be avoided as they can lead to air entrapment.

The KINETIX R110X and R100 combination is not suitable for laminating surfboards that are intended to have a clear timber or clear carbon finish. KINETIX R104 should be used for these applications.

MIX RATIO

43 parts hardener to 100 parts resin by weight
50 parts hardener to 100 parts resin by volume

Please agitate / stir or roll R100 container before use.

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

	R100	H125 Standard	H130 Fast
Physical State	Opaque Liquid	Clear Liquid	Clear Liquid
Viscosity mPas @ 25°C	7,500	25	45
Specific Gravity g/ml @ 25°C	1.12	0.97	1.01

CURE CHARACTERISTICS

	H125 Standard	H130 Fast
Pot Life -100g @ 25°C (in air)	35 mins	15 mins
Mix Viscosity mPas @ 25°C	600	780
HDT after 7 days @ 25°C	51°C	48°C
HDT after 16 hrs @ 25°C + 4hrs @ 40°C	52°C	50°C
Ultimate HDT	65°C	60°C

PACK SIZES				
Order Code		Order Code		PACK
Resin		Hardener		
RC100	4 L	HC125 HC130	2 L 2 L	6 L
RD100	20 L	HD125 HD130	10 L 10 L	30 L
RF100	200 L	HF125 HF130	100 L 100 L	300 L

STORAGE

KINETIX R100 resin and H125 Standard and H130 Fast hardeners 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

KINETIX R100 resin and H125 Standard and H130 Fast hardeners 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 fifteen (15) 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. 23.1.18



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