

KINETIX R104 is a solvent free, liquid epoxy resin specifically formulated for use with H125 hardener to provide a rapid room temperature cure for surfboard lamination.

The system cures to a clear, bloom-free finish that has excellent adhesion to polyester or polyurethane topcoats.

Superior toughness, and resistance to yellowing, provides extended longevity with normal use.

MIX RATIO

1 part hardener to 2 parts resin by volume
43 parts hardener to 100 parts resin by weight

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

	R104	H125
Physical State	Clear Liquid	Clear Liquid
Specific Gravity g/ml @ 25°C	1.14	0.98

CURE CHARACTERISTICS

	H125
Pot Life -100g @ 25°C (in air)	25 mins
Mix Viscosity mPas @ 25°C	500
HDT after 28 days @ 25°C	46°C
4 hours @ 60°C	75°C

APPLICATION

When applying additional epoxy coats, or coating with polyester resin or polyurethane topcoats, the cured epoxy should be wet abraded with sandpaper or a scotchbrite pad, to ensure good intercoat adhesion. Allow to dry before overcoating.

PACK SIZES

Order Code		Order Code		PACK
Resin		Hardener		
RC104	4 L	HC125	2 L	6 L
RD104	20 L	HD125	10 L	30 L
RF104	200 L	HF125	100 L	300 L

STORAGE

KINETIX R104 resin and H125 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

KINETIX R104 resin and H125 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 ATL's 845 hand cleaner and 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. 03/10/07

