

# Rapid 5 Minute Clear Epoxy

## DESCRIPTION

Sylmasta Rapid 5 Minute Clear Epoxy is a fast curing, two-component transparent epoxy adhesive which has excellent adhesion to metal, ceramic tiles, brick, concrete, wood and most hard plastics. It can be used for the repair of metal castings, ceramic ornaments and metal or wood furniture, for the fixing of fittings to brick, wood or plaster, for fixing stone slabs and copings and for modelling and test rig manufacture

Sylmasta Rapid is supplied in a double syringe or cartridge dispenser. The use of a dispenser means that the correct ratio of resin and hardener is delivered for each application.

After mixing, Sylmasta Rapid begins to set in 3-5 minutes at 20°C. This gives a handling time of 30 minutes and full cure is achieved within 4 - 6 hours.

## DIRECTIONS FOR USE

1. Joint surfaces must be clean, dry and free from all traces of grease, oil, dust etc.
2. Improved bond strength can be achieved by lightly abrading both surfaces to be bonded.
3. Measure out the required amount and mix the two components for about 30 seconds until an even mix is achieved.
4. Apply the adhesive to one surface and press or clamp the two surfaces together. Support the joint if necessary.
5. Leave undisturbed until the handling time has elapsed.

## TECHNICAL FEATURES

COLOUR.....	Transparent
MINIMUM SHELF LIFE (months @ 15 - 25°C,) .....	24
WORKING TIME (minutes @ 20°C), .....	3
INITIAL CURE (minutes @ 20°C), .....	3 - 5
HANDLING TIME (minutes @ 20°C), .....	30
FULL CURE (hours).....	4 - 6
BOND LINE THICKNESS (mm).....	< 2
LAP SHEAR TENSILE STRENGTH (MPa) .....	17
SHRINKAGE (%) .....	<1
APPLICATION TEMPERATURE.....	+5°C to +35°C
SERVICE TEMPERATURE .....	-20°C to +60°C

## STORAGE

Should be stored out of direct sunlight in dry, frost free conditions at temperatures between 15° and 25°C. Under such conditions shelf life will be 2 years from the date of manufacture.

## PRESENTATION

24ml double syringe dispenser, 50ml cartridge and 200ml cartridge. Cartridges come with mixer nozzle.

## HEALTH & SAFETY IN USE

Rapid is currently classified as an irritant. Wear suitable rubber or plastic coated gloves.

*Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company. It is the customer's responsibility to satisfy themselves that each product is fit for the purpose for which they intend to use it, that the actual conditions of use are suitable and that in the light of our continual research and development programme the information relating to each product has not been superseded.*