

RAPID METAL SYRINGE

Description

Rapid Metal Syringes are supplied in either a 25ml or 30ml double syringe dispenser. The use of a syringe means that the correct ratio of resin and hardener is delivered for each application. The 25ml and 30ml syringes are hand extruded and hand mixed.

After mixing the Rapid Metal Syringe, the mixtures begins to set in 3 – 5 minutes at 20°C. This gives a handling time of just 30 minutes and full cure is achieved within 24 hours.

Directions

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. Cut off the nozzle tip of each barrel of the syringe.
4. Extrude the required amount and mix the two components for about 30 seconds until an even mix is achieved.
5. Apply the adhesive to one surface and press or clamp the two surfaces together. Support the joint if necessary.
6. Leave undisturbed until the handling time has elapsed.

Technical Data

Storage

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

Packaging

Rapid Metal Syringe is supplied in a double syringe.

Health and Safety

Rapid Metal Syringes are currently classified as an irritant. Wear suitable rubber or plastic coated gloves.

For further more detailed health and safety information, please consult the relevant Safety Data Sheet.

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 customers responsibility to satisfy himself that each product is fit for the purpose for which he intends to use it, and that the actual conditions of uses are suitable.

Working Time	3 minutes at 20°C
Initial Set	3–5 mins at 20°C
Handling Time	30 mins at 20°C
Cure Time	24 hours
Resin Density	1.93g/cm ²
Hardener Density	1.76g/cm ²
Colour	Grey
Mixing Ratio	1:1 by volume
Bond Line Thickness	<4mm
Application Temperature	+5°C to +35°C
Service Temperature	-20°C to +60°C
Lap Shear Strength to ASTM	22N/mm ² D1002 at 20°C
Shore D Hardness	60
The above values are typical for Rapid Metal Syringes.	