

Flexible Epoxy Sealant

DESCRIPTION



TamRez 440 is a low modulus, epoxy resin designed for use as a flexible jointing sealant for horizontal areas and TamRez 440 Gel can also be used for vertical applications. TamRez 440 can also be used as a highly flexible crack injection resin for non-structural crack repairs.

KEY BENEFITS

- > Highly flexible > 100% elongation
- > Low viscosity
- > Bonds to damp substrate
- > Good pot life
- > Can be filled if required

TYPICAL APPLICATIONS

- > Hydro-electric plants
- > Circulating water tunnels
- > Waste water and sewer lines
- > Injection of moving cracks
- > Flexible jointing

APPLICATION GUIDELINES

As with any epoxy adhesive, surface preparation is critical. Concrete surfaces to which this product is to be applied should be cleaned by water blasting or other mechanical means. All loose or unsound material must be removed.

Mix the individual components Part A and Part B separately using a slow speed drill and paddle mixer for approx. 30 seconds. Add the proper ratio of Part A – resin to the Part B – hardener in a large mixing container (plastic preferred) and mix for a further 2 minutes. Longer mixing times may be required in cooler weather.

TECHNICAL DATA

	TamRez 440	TamRez 440 Gel
Solids by volume	100%	
Colour		
Part A	Clear	White
Part B	Amber	Black
Mixed	Amber	Grey
Mixed density EN ISO 2811	1.05	1.03
Shelf life	1 year	
Mix ratio (volume)	1:1	
Pot life (200g) EN ISO 9514	20 - 30 min	25 - 35 min
Gel time EN ISO 9514	40 - 60 min	
Viscosity EN ISO 3219	300 - 500 mPa·s	> 10,000 mPa·s
Final cure	3 days	

All technical data stated herein is based on tests carried out under laboratory conditions at 25°C.

Subsequent Finishes / Ongoing Maintenance

For cleaning tools and equipment, we recommend the use of TamRez Cleaner. Thoroughly clean equipment immediately after use.

STORAGE

TamRez 440 should be stored at room temperature (min 10°C and max 38°C), kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of one year can be expected.

HEALTH & SAFETY

TamRez 440 should only be used as directed. We always recommend that the Safety Data Sheet (SDS) is carefully read prior to application of the material. Our recommendations for protective equipment should Safety Data Sheet is available upon request from your local Normet representative.

Whilst any information and/or specification contained herein is to the best of our knowledge, true and accurate, we always recommend that a trial be carried out to confirm suitability of the product. Please note regional climatic conditions may cause a variation in the performance of the product. No warranty is given or implied in connection with any recommendations or suggestions made by us or our representatives, agents or distributors. The information in this data sheet is effective from the date shown and supersedes all previous data. Please check with your local Normet office to confirm that this is current issue.