

# Technical Data Sheet

EBA577 PIPE SEAL

Revised 03.08.10

## Eurobond EBA577 Pipe Seal

### TECHNICAL FEATURES

#### PRODUCT DESCRIPTION

EBA577 Pipe seal is a high viscosity thixotropic gel paste which cures rapidly, sealing instantly to 10 bar through its Anaerobic cure system in contact with metals in the absence of air (oxygen). When fully cured it resists pressure up to 350 bar. EBA577 is not suitable for oxygen systems. Good chemical/solvent resistance to Ethanol, Motor Oil, Unleaded Petrol, Acetone and Brake Fluid.

#### APPLICATIONS

Typical applications are in sealing of all types of threaded connections against water, oil, gases and most common materials conveyed by pipes.

#### USEFUL NOTES

When cure speed is extended due to low temperatures or inactive surfaces, activator can be used. Best results are found if EBA577 is applied to 2nd and 3rd threadform. Excess can be wiped away, any migration into lines will not solidify and can be flushed away during commissioning.

#### INSTRUCTIONS FOR USE

Ensure parts are clean, dry and free from oil and grease.

#### PROCEDURE FOR APPLICATION

Product is normally hand applied from the tube.

#### STORAGE

Store in a cool area out of direct sunlight. Shelf life > 12 months @ ambient temperature.

#### HEALTH & SAFETY IN USE

Irritant: contains Methacrylate Esters.  
Irritates the eyes, the respiratory organs and the skin.  
In case of contact with the skin, wash immediately with plenty of water. Non toxic when cured.

Resin	Dimethacrylate
Colour	Yellow
Cure Speed with Activator	<10 minutes
Cure Speed without Activator	<15 mins @ 20°C
Viscosity	>50,000 cps
Gap Fill	0.05mm to 0.4mm
Flash Point	>100°C
Shelf Life	12 months @ 20°C
Specific Gravity	1.09
Max. Operating Temperature	+150°C

#### CURED PERFORMANCE

Full Cure Time	6-12 hours
Typical Breakaway Strength	>6 to <15 N/mm (2)
Prevailing Torque	>3 to < 9 N/mm (2)
Static Shear Strength	>5 to <15 N/mm (2)

#### PRESENTATION

Tubes.....65ml

