



Technical Data Sheet

B2011 1 Hour Cure Epoxy Resin

PRODUCT DESCRIPTION

Air curing system. Resistant to shock and vibration. Excellent adhesion to metals, ceramics, wood and plastics.

APPLICATIONS

Universal adhesion. Allows joining materials of different natures. Hard joints.

INSTRUCTIONS FOR USE

Mix ratio	By Weight	By Volume
Resin	100	100
Hardener	80	50

Prior to application it is necessary to conduct a proper retreat of the bonding surfaces. To remove all traces of impurities, thoroughly cleaned with acetone solvent type and never with alcohol or lacquer thinner.

The best resistance rate are obtained, when the roughness to the surface is given with mechanical treatment followed by a degreasing.

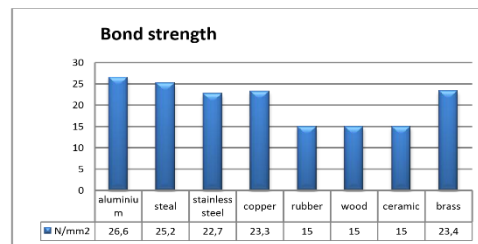
Mix the components according to the indicated proportions, until it becomes a homogeneous mixture.

The B2011 cures in 24 hours at room temperature.

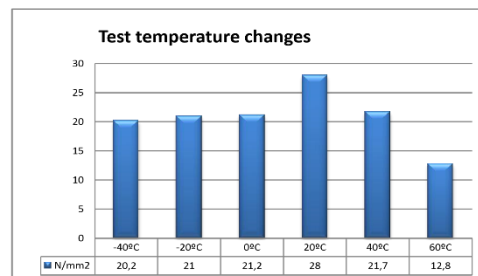
TECHNICAL FEATURES

Viscosity mPas	35,000-45,000
Gel Time 20°C	90 mins
Setting Time 20°C	15 hours
Setting Time 40°C	3 hours
Setting Time 80°C	10 mins
Maximum Temp. use	80°C
Storage time	3 years

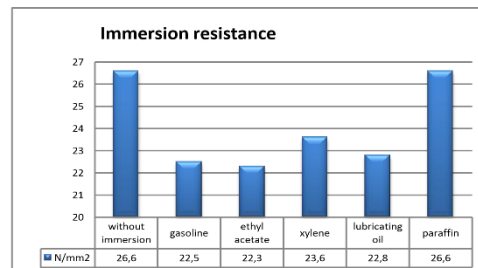
TYPICAL BOND CHARACTERISTICS



Break Support
Shear adhesion strength of ISO 53283. Setting time 16 hours at 40 ° C



ISO 53283. Test Curing time 24 hours at 23 ° C, ½ hour at 80



Immersion resistance
The samples were immersed in various fluids for a period of 90 days at 23 ° C. Afterwards the samples are tested a shear strength till the adhesive breaks. A comparative study is made with a sample without immersing. Test. Curing time: 16 hours at 40 ° C and immersion in each fluid during 90 days at 23°C

STORAGE

The resin and the hardener they will have the shelf lives indicated on the labels, provided that are stored in a dry place in their original, properly closed containers.

HEALTH & SAFETY

This technical information sheet does not constitute a Material Safety Data Sheet (MSDS). Before using this product ensure you have read and fully understood this products MSDS.





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