

EASY-STEEL®

TECHNICAL DATA SHEET

EASY-STEEL® is a two-part, steel-reinforced adhesive sealant that cures in 20 minutes to repair almost all materials including stone, concrete, ceramics, glass, many plastics, metal and wood.

Easy-Steel® is non-toxic, contains no solvents and is easily prepared for application. Unlike liquid epoxies, it will not drip or sag and will set on wet surfaces but not under water.

APPLICATION

Easy-Steel® is used by itself to repair leaking water pipes, stop leaks in oil and water tanks, plug holes, seal seams in air ducts, seal leaks in air conditioning coils, patch holes in floors and walls and seal leaking downspouts and gutters.

Easy-Steel® can be used to restore stripped threads and make new threads by drilling and taping cured Epoxy. When used together with **Gremlik®** tape, it can withstand pressure up to 110 bars.

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HOW TO USE EASY-STEEL®

Cut off pressure (there is no need to empty the pipe).
Clean and sand area to be repaired.
Cut off right quantity of product.
Knead together until a uniform grey colour.
For maximum adhesion, apply within two minutes, starting with small pieces at a time and moving outwards until a dome is formed.
Smooth edges with dampened finger.

That's it, repair completed.

No downtime and no drain down.

Wait 30 minutes before placing under pressure once more.

TECHNICAL PROPERTIES

Maximum use temperature	+149°C
Hardness	85 Shore D
Specific gravity	1,90 g / cm ³
Shelf life	2 years
<i>(You can use a small portion of the stick at a time)</i>	
Tensile strength	413 bars
Compression strength	1240 bars
Elasticity modulus	413340 bars
Shear strength	48 bars
Dielectric strength	16.000V/mm (Sample for test: 3.5mm)
Volume resistance	5 x 10 ¹⁸ Ω cm
Phosphoric acid	Good
Hydrochloric acid	Good
Hexane and Acetone	Good
Toluol, MEK and MIBK	Good
Nitric, Acetic and Sulphuric acid	Bad
Do not use on polyethylene, polypropylene and polybutylene	

PACKAGING

114 g stick.
Size : 28mm x 210mm

We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. Gremco shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.