

presto Adhesive steel

Ord.-no.: 603901

Technical Information



presto Adhesive Steel is a solvent-free, two-component repair and gluing system on the basis of epoxy resin. The product fills, glues and seals various materials such as iron and NF metals. For filling: Use as a filler, suitable for all metals, cast parts, wood, cement asbestos, ceramics and concrete. Widen cracks where possible to 2/3 of the wall thickness in a V-shape and then fill with the adhesive steel. Widen faulty borings or stripped threads out to double the original diameter and then fill with adhesive steel. For gluing: Adhesive steel bonds identical and non-identical materials firmly and durable together, even those that cannot normally, or only with difficulty, be bonded or welded together, such as steel, aluminium, lead, wood, iron and cement asbestos. For sealing: For damaged pipes or discharge pipes, in combination with suitable materials to cover the damage. Simply apply the adhesive steel to the material and treat as a bandage. Hardened layers over 5 mm thick can be handled like metals: They can be drilled, milled, filed, turned and threaded. For many applications in the private sector, in industry, metal and wood construction, in ship construction, garages and locksmith's shops.

Quality & properties

- Fills, sticks, seals
- Extremely resilient after hardening
- Very easy to form
- Ease of working
- Resistant to oil, fuel, lyes and the most organic solvents

Physical & chemical data

- Base: 2K-epoxy resin
- Colourname: grey-metallic
- Completely dry: 2 h
- Pot life: 30 min
- Addition of hardener: 50 %
- Storage stability: 1 y
- Content: 125 G

How to use

- The application area must be clean, dry, and free of rust, paint and grease.
- Mix the base material and the hardener carefully.
- The mixed material must be processed within 30 minutes.
- Adhesive Steel is very malleable (moisten the tool you are using with water and detergent).
- Hardened layers from 5 mm can be treated like metal, e.g. by drilling, milling, rasping, shaping, tapping.
- Advices for filling: Carefully drill the ends of cracks, in order to avoid that the damages becomes bigger. Cracks should be enlarged to 2/3 of the wall thickness in v-shape, then fill with adhesive steel. Incorrect drilling: With a drill, enlarge the stripped screw thread or worn holes to twice their original size and fill with Adhesive Steel.. Create the new screw thread with the screw being used (with release agent applied).
- Advices for gluing: Adhesive Steel is not a typical glue, as it contains fillers. Anyhow, it glues well, hardness and break strength are good. The adherence increases with the size of the adhering surfaces. Therefore contact spots should be roughened or furnished with grooves and notches. Bonds equal and unequal materials: e.g. steel, aluminium, lead, wood, iron, eternite etc.
- Advices for sealing: Damaged pipes and pipeline are isolated and sealed using Adhesive Steel. Paint Adhesive Steel onto a piece of fabric and use as a bandage.
- Do not return remains of mixed material into the can!

Environmentally sound

European Aerosols is committed to apply formulations without restricted or critical ingredients and to achieve best possible performance. The caps and packagings are made of recyclable material.

Disposal

Only the completely emptied cans should be put into the recycling skip or appropriate container for reclaimable refuse. Cans which are not empty should be disposed off as "special refuse".

Marking/Labelling

All products made by European Aerosols comply with the actual labelling regulations according to Preparation Guideline 1999/45/EG. All aerosols correspond to TRGS 200 and TRG 300 as well as to aerosol guideline 75/324/EWG in the actually valid version.

For any further technical questions call our hotline +49 (0) 62 66 75-266 from Monday to Thursday from 9 h a.m. to 3 h p.m. or on Friday until 12 h p.m.

As of August 18, 2022 – This release replaces all eventually earlier issued versions.

European Aerosols GmbH, Kurt-Vogelsang-Straße 6, 74855 Haßmersheim - info-de@european-aerosols.com
European Aerosols B.V., Wolfraamweg 2, NL-8471 XC Wolvega - info-nl@european-aerosols.com