



5 Minute Epoxy Putty

Description

Sylmasta AB Rapid 5 Minute is a fast-setting repair putty with multiple uses in manufacturing & maintenance. It is ceramic-filled, making it harder wearing and stronger than other repair putties, and the five minute work time enables repairs to be made quickly. The putty-like consistency of AB Rapid 5 Minute eliminates drips and runs, facilitates adhesion to the substrate, and allows the material to be shaped and formed as needed before curing begins.

Once cured, it can be tapped, drilled, screwed, sawed, machined, ground, filed, or painted. AB Rapid 5 Minute is suitable for interior or exterior use and is resistant to water, chemicals, and temperature extremes. It contains no solvents or VOC's, is non-flammable, releases no noxious fumes and it won't shrink or pull away when setting. The unused portion stays fresh for future use when saved in its original package.

General Repair Applications

- Repairing damage and filling gaps in concrete, brick and metals
- Protecting parts against corrosion and chemical attack
- Levelling unstable machinery, sinks and basins
- Sealing cable glands and joints, insulating electrical components
- High strength bonding between materials

Pipe Repair Applications

- Sealing large holes and cracks in pipework
- Repairing surface damage for improved pipeline integrity
- Encapsulation of leaking joints

Advantages

- Five minute work time enables quick repairs to be made
- Has good chemical resistance
- Can be machined
- Smooth finish, with good adhesion
- Can be worked without cracking or tearing
- Bonds to metal, wood, brick, most plastics and many other materials
- Available in White or Black

Directions for Use and Packaging

AB Rapid 5 Minute is supplied with the resin and hardener as separate components. Part A and Part B and mixed together in even quantities by volume or weight. The putty is kneaded until it is uniform in colour, after which it is applied whilst soft to the repair area.

Product Code	Pack Size	Product Code	Pack Size	Colour Key
ABF-colour-250g	250g	ABF-colour-10kg	10kg	WHITE = White
ABF-colour-500g	500g	ABF-colour-20kg	20kg	BLACK = Black
ABF-colour-1kg	1kg	ABF-colour-50kg	50kg	
ABF-colour-2.5kg	2.5kg			

Technical Data

Working time.....5 minutes at 20°C

Full cure 24 hours at 20°C

Application temperature.....+5°C to +35°C

Service temperature

 Continuous-20°C to +120°C

 Intermittent-20°C to +150°C (dry)

Shore D Hardness80

Tensile Strength.....24 MPa

Compressive Strength.....80 MPa

Lap Shear Strength (steel)3.5 MPa

Typical properties: for information only; not for specification purposes.

Storage

AB Rapid 5 Minute should be stored out of direct sunlight in dry frost free conditions of temperatures between 15°C and 20°C. Under such conditions, shelf life will be 18 months from the date of manufacture.

Health & Safety

AB Rapid 5 Minute consists of epoxy resins and hardener systems. Wear rubber or plastic coated gloves and refer to the Safety Data Sheet.

Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company. It is the customer's responsibility to satisfy themselves that each product is fit for the purpose for which they intend to use it, that the actual conditions of use are suitable and that in the light of our continual research and development programme the information relating to each product has not been superseded.