

Technical Data

EPOXY PUTTY LITE



Product description

Epoxy Putty Lite is a lightweight, high strength, non shrinking epoxy filler and repair mortar exhibiting resistance to a range of chemicals.

Recommended use

Epoxy Putty Lite can be used on masonry substrates for:

- Levelling of surface imperfections
- Crack Filling
- Reprofiling joint edges
- Gap Filling
- Repair of concrete surfaces

Use where an easily workable epoxy mortar with superior mechanical properties is required.

Physical properties

Colour	Light grey
Solids (vol %)*	100 ±
Flash point	Non-flammable
Water resistance	Excellent
Abrasion resistance	Excellent
Solvent resistance	Good
Chemical resistance	Excellent
Flexibility	Fair

*Measured according to ISO 3233:1998 (E)

Surface preparation

All surfaces should be clean, dry and free from contamination. The surface should be assessed and treated in accordance with ISO 8504.

Coated surfaces

Clean, dry and undamaged compatible primer. Contact your local Jotun office for more information.

Other surfaces

The coating may be used on other substrates. Please contact your local Jotun office for more information.

Condition during application

For steel substrate: The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate. For Concrete: The moisture content in the concrete should not exceed 4 % (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

Application methods

Other Trowel on to archive the required thickness and smooth with water.

Application data

Mixing ratio (volume) 2 parts Comp. A (White) to be mixed thoroughly with 1 part Comp. B (Black)

Pot life (23°C) 45 minutes. (Reduced at higher temp.)

Cleaner Water or Jotun Thinner No.17

Note Epoxy Putty Lite can be used in a variety of locations and applied by various techniques. Please contact your local Jotun Technical Dept. for details.

Drying time

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with:

- * Good ventilation (Outdoor exposure or free circulation of air)
- * Typical film thickness
- * One coat on top of inert substrate

Substrate temperature	10°C	23°C	40°C
Surface dry	6 h	3 h	1 h
Through dry	20 h	8 h	3 h
Cured	14 d	7 d	3 d
Dry to recoat, minimum	20 h	8 h	3 h
Dry to recoat, maximum ²	7 d	6 d	4 d

1. Recommended data given for recoating with the same generic type of paint.
2. The surface should be free from chalking and contamination prior to application. Best intercoat adhesion occurs when the subsequent coat is applied before the preceding coat has cured. If this is exceeded it may be necessary to roughen the surface.

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

Test Certificates

Determination of Compressive Strength - ASTM C579
Determination of Crack Bridge Ability - ASTM C836
Determination of Pull off Strength - BS 1881 : Part 207
Determination of Thermal Compatability - ASTM C884

Storage

The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

Handling

Handle with care. Stir well before use.

Packing size

2 litres Comp. A (base) and 1 litre Comp. B (curing agent).

Packing may vary from country to country according to local requirements.

Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.

DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

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Jotun is a World Wide company with factories, sales offices and stocks in more than 50 countries. For your nearest local Jotun address please contact the nearest regional office or visit our website at www.jotun.com

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THIS DATA SHEET SUPERSEDES THOSE PREVIOUSLY ISSUED

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