

8070 LIGHT LT

Adhesive with a smooth consistency and good application properties

2023-10

BENEFITS

- Highly flexible cement-based lightweight adhesive compound
- C2 TE S1 (EN 12004)
- Can be used both indoors and outdoors
- Walls and floors
- Dry and wet environments
- Water and frost resistant
- System approved for use in wet rooms ETAG 022



PRODUCT DESCRIPTION

Bostik 8070 Light LT is a highly flexible cement-based adhesive with a lightweight filler.

The adhesive has good adhesion and is specially designed for the installation of ceramic tiles and large format tiles on customised surfaces, indoors and outdoors on walls. Approved for ceramic tiles in wet room constructions according to industry regulations BBV 21:1 in combination with the Bostik Waterproofing System.

AREA OF APPLICATION

Designed for the installation of ceramic tiles, large format granite ceramics, glass and porcelain mosaics and many types of natural stone on walls and floors. Can be used on a variety of surfaces including concrete, cement plaster, plasterboard and customised wet room boards.

Fix 8070 Light LT can be used with both electric and waterborne floor heating. Fix 8070 Light LT can also be used as a wall filler and can be applied in layers up to 10 mm. Please contact Bostik AB for questions regarding use on other types of surfaces.



TECHNICAL DATA

Working temperature	+5 °C to +25 °C - both tile and surfaces
Application thickness	Up to 10 mm (teeth can be 12 mm on surface and 4 mm on tile).
Water consumption	Wall: approx. 6.9 L to 15 kg Floor: max. 7.5 L to 15 kg
Consumption	1.1 kg/m ² (4 mm adhesive trowel) 1.6 kg/m ² (6 mm adhesive trowel) 2.0 kg/m ² (8 mm adhesive trowel) Min. 2.4 kg/m ² (10 mm adhesive trowel)
Adhesion time	Approx. 30 min at 20°C
Application time	3–4 hours at 20°C
Can be joined	Walls: approx. 12 hours Floors: approx. 24 hours
Can be walked on	At least 24 hours at 20°C
Fully loadable	7 days at 20°C
EN 12004	C2-TE-S1
Approvals	ETA, EC1Plus
Packaging	15 kg
Shelf life	12 months at 20°C in unopened packaging. Store in a dry and cool place.

Product No.	Colour	Contents	Quantity per Pallet	EAN
30832258	Grey	15 kg	42	7311020077198

INSTRUCTIONS FOR USE

PREPARING THE SURFACE

Make sure the surface is free from dust, dirt, paint, glue residue, oil, grease, wax, etc., and is firm and hard. Loose layers, surfaces with unsatisfactory strength and any sludge layers should be removed mechanically. Any underfloor heating must be switched off at least 1 day before starting work and board materials shall be fixed in accordance with the applicable building code. The surface should be dry and should maintain +10°C to +20°C.

PRE-TREATMENT

Dry areas: GRIP A560 CLASSIC is applied to a normally absorbent surface once diluted with water 1:3 (primer:water). Two treatments are recommended on highly absorbent surfaces. On floor gypsum boards and wood fibre boards the apply the primer diluted with water 5:1 (primer:water). Always start by measuring the water to get the right mixing ratio. Use water +5 to +20°C. Wet areas: When using ceramic materials in wet areas, the surface should always be treated with a Bostik Waterproofing System. See applicable installation instructions.

MIXING AND APPLICATION

For walls mix 15 kg of powder with about 6.9 litres, for floors max. 7.5 litres of clean, cold water. Stir vigorously with a mixer or drill fitted with a whisk to form a homogeneous mass. Wait 2–3 minutes and mix again. The temperature of the compound should be between +10°C and +20°C so as not to affect the usage time and working time. Mixed adhesive can be used for 3–4 hours. Compound that has started to cure shall not be re-mixed with more water. APPLICATION: For best adhesion, spread a thin layer of the compound using the smooth side of the adhesive trowel against the surface. Then spread the compound for 5–15 minutes of tiling, which is distributed with a customised adhesive trowel. The choice of adhesive trowel is determined by the back and size of the tile. Large tiles require double adhesive (i.e., both surface and tile). Larger than 900 cm²).

Ensure that the temperature of the tiles is at least +5°C and that they are clean. Install the tile by pressing it against the surface and then twisting it into place. The tiles can normally be corrected within 20 minutes. For demanding applications such as outdoor use, floors subjected to heavy use, etc., the adhesive is to be applied to both the tile and the surface. Remove any adhesive that has penetrated more than half the depth of the joint. Stains should be removed immediately using water or a damp cloth.

JOINTING

Jointing can normally be done after 12 hours on walls and 24 hours on floors. It is important that the adhesive is dry to prevent discoloration of the joint. The floor can be fully loaded after about 7 days.

ENVIRONMENTAL DATA

The product contains cement and is an irritant to skin. All users must understand and use the safety data sheet before using the product. The safety data sheet is available on request and is available on the manufacturer's website

DISPOSAL

Waste generation should be avoided or minimised whenever possible. Empty containers may retain some product residue. Product and packaging should be disposed of safely. Hire an authorised waste management company to dispose of surplus products and non-recyclable products. Always dispose of this product in accordance with environmental protection requirements and waste management legislation. Avoid spreading spilled material, runoff, contact with soil, waterways and drains.

NOTE

Spaces that are temporarily exposed to moisture, e.g., in kitchens, hallways, etc., can be protected against moisture using Bostik Moisture Barrier 6030 or 2000K. When fitting ceramic on ceramic, the surface should be degreased, sanded and treated with GRIP A936 Xpress. Outdoors and on surfaces with direct ground contact or where there is a risk of added moisture, contact Bostik Technical Support.

Do not apply a adhesive to a larger area so that the tiles can be fitted before the adhesive peels off. Solar radiation, high temperatures, strong ventilation, etc., can greatly reduce the installation time. Dehumidifiers and heating fans should not be used and underfloor heating should be switched off for 28 days after the tiles are laid and then gradually increased.

SAFETY

For more information, see the safety data sheet at:
www.bostik.com

The information and recommendations provided herein are based solely on Bostik's research and are not guaranteed to be exact. The performance of the product, its durability and its usage characteristics depend on many variables, including the type of material on which the product is to be applied, the environment in which the product is stored or applied and the equipment used for application. Any change in any of these variables may affect the performance of the product. It is the purchaser's obligation, before putting the product into service, to test the suitability of the product for the intended use under the conditions that will exist at the time of the intended use. Bostik does not guarantee the suitability of the product for a particular use. The product is sold in accordance with Bostik's terms and conditions of sale, which are included with the product at the time of sale. Nothing herein shall be construed to mean that there are no relevant patents or to constitute an authorisation, endorsement or recommendation to use any of the inventions covered by a patent without the permission of the owner of the patent.

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