

BITUVER F4

Elastomeric liquid membrane

FIBRE REINFORCED. WALKABLE. RESISTANT TO STANDING WATER. READY FOR USE.

Primary uses:

- Walkable surfaces (low pedestrian traffic)
- Construction covers in general
- Foundation and earth retaining walls
- Renovation of old waterproofing
- Concrete terraces
- Concrete container not intended to hold potable or aggressive water
- Suitable for covering ceramic or marble flooring.
(after application of a layer of Elaver Plus as primer)

**TESTED FOR WATER SEAL:
LEVEL L4 WITH P4 LOAD CATEGORY***



- ✓ Superior resistance to pedestrian traffic and mechanical stress
- ✓ Reduces the phenomenon of concrete carbonation
- ✓ Long lasting waterproofing resistant to atmospheric agents and UV rays
- ✓ Cold laying directly on the old bitumen layers (without having to dismantle them)
- ✓ Perfect adherence, suitable for complex construction details and resistant to micro cracks
- ✓ Can be used both horizontally and vertically
- ✓ Low maintenance, does not need additional protection
- ✓ Also suitable for industrial area surfaces or surfaces in seaside areas
- ✓ Odourless and non-flammable product
- ✓ Non-toxic, solvent free product

Application must include at least two layers. Average total consumption is 1.5 – 2 kg/m² and may vary depending on the nature and porosity grade of the support and the thickness you want to achieve.

Coverage per package:

5 kg pail: **approx. 2.5 m²**

20 kg pail: **approx. 10 m²**

Available in the following colours in 20 or 5 kg pails:

- white
- grey
- red

*Test method "EOTA TR007, Resistance to static indentation"



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Saint-Gobain PPC Italia S.p.A. – Isover Activity

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www.bituver.it/en

Bituver F4 can be used for:

- Waterproofing and covering new surfaces in concrete, fibre reinforced cement, wood, metal and ceramic;
- Waterproofing bathrooms, showers and saunas;
- Restoring old waterproofing of existing bitumen coats, terraces and tiled balconies, as well as surfaces like those indicated above;
- Covering concrete containers for holding non potable water and other non-acid and/or non-aggressive liquids;
- Creating a waterproofing and gripping base for subsequent gluing of tiles with specific cementitious adhesives (*with the CE marking: EN 12004 type C*).
- Smoothing of micro-cracked plasters.

Usable tools:

- Smooth spatula
- Roller (*sponge or short hair*)
- Rubber doctor blade
- Paintbrush (*for the corners*)

Application

Ready to use product. To be applied pure, not diluted with water.

Temperature of use: +5°C a +35°C. Complete drying time: 24 hours

- Mix the product well in order to obtain a uniform appearance;
- Spread the first layer of the product applying slight pressure to favour penetration of the product in the porosity of the support;
- After 6-8 hours, and in any case when the first layer is dry to the touch, remove any surface condensation and apply the second layer, crossing it with the first. To achieve the correct waterproof layer, the quantity of 2 kg/m² of product must be applied (variable depending on the roughness of the support);
- Wash the tools with water while the product is still fresh.

Tips

The supports must be stable, clean, dry and with a maximum moisture content of 3%, free of dust, oils, greases and in any case free of any material that can perform detaching action. Areas of the concrete that are uneven such as spacing iron, crawl spaces and plugs must be chiselled 3 cm and restored with anti-shrinkage cementitious mortar.

On very porous supports, primer with **Elaver Plus** diluted at 30% and leave to dry at least 4-8 hours.

On bituminous membranes, with or without slated protection, adhesion varies depending on the grade of ageing of the coats themselves. We recommend verifying adhesion ahead of time with a direct test.

On new covers with membranes without mineral finishing, we recommend applying **Bituver F4** after a layer of **Elaver Black** diluted at 10%.

Treat any expansion joints ahead of time and make triangular shells at least 10 cm in the wall-floor joints with anti-shrinkage cementitious mortar. Do not apply with risk of night frost. Protect the applied product from rain, dew and fog. Do not apply the product in direct sunlight.



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Technical Data Sheet

BITUVER F4

GENERAL FEATURES		
Appearance		Thixotropic fluid paste
Colour		Grey
Stability in the original closed containers		12 months
Dry residue at 130°C	EN ISO 3251	67% - 73%
Brookfield viscosity at 20°C (6, 10 rpm)	EN ISO 3219	50k cP ± 10k
Specific gravity at 20 °C	EN ISO 2811-1	1.45 kg/l ± 0.05
Dust dry at 23°C		approx. 4 hours *
Complete drying		approx. 24 hours *

*Values recorded with temperature of 23°C and humidity at 50%. The information provided may vary depending on the thickness of the product applied and the specific job site conditions: temperature, humidity, ventilation, absorptency of the substrate.

The Saint-Gobain PPC Italia S.p.A. quality system is EN ISO 9001 certified.

The products presume suitable application and storage methods. Considering the different situations of use of the products and the intervention of factors beyond our control (supports, operating conditions, failure to follow instructions, etc.), we cannot assume any responsibility concerning the results obtained.

Before using the product, anyone intending to use it must establish whether or not it is suitable for the foreseen use and, in any case, assume responsibility for anything that may result from its use.



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