

BITUMER 400 1K

It is a fast-curing, single-component, bitumer-enriched polyurethane-based liquid material. It adheres strongly on almost all types of surfaces, forming a highly elastic film. Its chemical and mechanical resistance is excellent. It is applied with a brush, roller, spatula or airless spraying machine, with a minimum consumption of 1.5 kg/m²

■ ADVANTAGES

- It cures quickly.
- It can be applied in thick layers, it does not create bubbles.
- It is resistant to cold. The film maintains its (-40)°C elasticity.
- It has excellent mechanical properties; It has high extensibility, tensile, tear and abrasion resistance.
- It shows good resistance to chemicals.
- It functions effectively as a vapor barrier.

■ SCOPE OF APPLICATION

- Floors, basement, roofs, green roofs, gypsum and cement based panels, polyurethane insulation foams, bitum based membranes/EPDM membranes, bathrooms (under tiles), verandas and balconies (under tiles), water tanks (except drinking water tanks), bridge platforms.

■ STORAGE

Packaging	25 kg
Colour	Black
Shelf Life	12 months from the date of production in dry and moisture-free environments, provided that the packaging is not opened or damaged. The packaging should be tightly closed when not in use. Packaging should be protected from frost and sun.

■ CONSUMPTION

Minimum total consumption: 1.5 kg/m²

■ APPLICATION FEATURES

The surface should be cleaned using a high pressure washer if possible; Oil, grease, fuel and paraffin residues must be removed, and it must also be completely free of mold release agents, cement residues, loose particles and cured membranes.

Apply the material with a brush, roller, spatula or airless sprayer. Rolls are for single use. It is not suitable for reuse.

■ WARNINGS AND RECOMMENDATIONS

Flammable products should be kept away during application. There should be no smoking. Care should be taken to ensure constant ventilation of the application area. Protective equipment such as glasses and gloves should be used during application. In case of eye contact, wash thoroughly with clean of water. For detailed information, please request the Material Safety Data Sheet. It should be kept out of reach of children. The product should be consumed by professional users, taking into account the data in the technical information section.

All technical information stated in this product data sheet is based on laboratory tests.
Actual values may vary due to circumstances beyond our control.

İZERSAN YAPI MALZ.SAN VE TİC.LTD.ŞTİ.

Center Factory: Egemenlik Mah. 6016/6 Sk. No:19/1 Işıkent Bornova/ İZMİR

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BITUMER 400 1K**TECHNICAL SPECIFICATIONS AND PERFORMANCE VALUES**

Colour		Black
Intensity	ASTM D1475 / DIN 53217 / ISO 2811, 20°C	1.35±0.05g/cm ³
Hardness	ASTM D2240 / DIN 53505 / ISO R868	35 Shore A
Viscosity (Mixture)	ASTM D 2196-86 / EN ISO 3219 (+25°C)	2500-3500 cP
Adhesion to Concrete	ASTM D4541	1,3-1,6 {N/mm ² }
Elongation Percentage	ASTM D412 / EN-ISO-527-3	%600-800
Waiting Time Between Floors		8-10 saat hours
Recoating		10-24 saat hours
Complete Drying		7 Gün

The technical specifications written above were written according to the test results performed under 23°C and 50% relative humidity conditions. Values may vary under different temperature and humidity conditions.

SAFETY PRECAUTIONS

During use and storage, appropriate work clothes, glasses, gloves and masks should be used for worker health and safety. Eye, mouth and skin contact should be avoided. The contacted area should be washed with clean of water. In more dangerous situations or if the product is swallowed, a specialist doctor should be consulted immediately. Food and drink should not be allowed into application areas. It should be kept out of reach of children. For detailed information, the Safety Data Sheet (SDS) should be consulted.

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LEGAL WARNING

Applications that may occur if the product is used for purposes other than its intended purpose or if the above-mentioned conditions are not complied with: from the mistakes of İzersan Yapı Malz. San. Ve Tic. Ltd. Şti. is not responsible.

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