

TECHNICAL DATA SHEET

Cicobit®SB41

Solvent-Based Bitumen Primer

DESCRIPTION

Cicobit®SB41 is a blend of selected solvents and bitumen to form a high quality fast drying primer, used for the improvement of adhesion between the masonry and concrete substrates with bitumen membranes and coatings. Being very low viscose in nature, the primer is highly penetrative and binds the dust in the micro pores of the substrate.

USES

- As a curing compound on freshly cast concrete.
- As a moisture barrier on concrete & block work surfaces prior to cladding.
- As damp proof & protective coating for buried concrete structures like footing, retaining wall etc.
- As a primer and sealer coat prior to the application of Bitumen based pre-formed sheet membranes and coatings

ADVANTAGES

- Fast drying.
- Penetrates the concrete micro pores and binds the dust.
- Excellent adhesion to concrete, metal & wood surfaces.
- Improves the adhesion between bitumen membranes & coatings with the substrate.
- Excellent barrier against chloride and sulphate ion ingress and carbon dioxide diffusion.

STANDARD COMPLIANCE

Conforms to the requirements of ASTM D41 - Asphalt primer for roofing, damp proofing and waterproofing.

PACKAGING

20lt. pails & 200lt. drums

SHELF LIFE & STORAGE

24 months while stored under covered warehouse conditions. Excessive exposure to sunlight and other sources of heat will reduce shelf life. Cicobit®SB41 contains solvents with a low flashpoint. It should be kept away from naked flame and from sources of heat.

TECHNICAL PARAMETERS

Density @ 25°C (ASTM D 1475)	0.88±0.03 g/cc
Solid Content (ASTM D 1644)	45 ± 5%
Application Temperature	5 to 55°C
Service Temperature	-5 to 70°C
Coverage**	4-6 m²/lt./coat

* All values given are subject to 5-10% tolerance

** The coverage rate depends on the porosity of the substrate

APPLICATION INSTRUCTIONS

Surface Preparation

Surface to be coated should be sound, clean, and free from traces of curing compound, oil or grease. All surface imperfections, nail head protrusions & cracks should be repaired using suitable repair products.

Mixing

Mix the contents of the pail or drum for a few minutes to remove any sediment which may have occurred during storage.

Application

Cicobit®SB41 should be applied under adequate ventilation. The primer may be applied by a brush or roller. Airless spray may be adopted when applying in large areas. Apply the coating at a coverage rate of 4 - 5 sqm per liter per coat. For Highly porous & dusty surfaces a second coat may be applied for optimum.

CLEANING

Clean the application tools immediately after use with a cleaning solvent. Hardened materials can be removed by mechanical means only.

PRECAUTIONS

Health and Safety

Care should be taken during use to avoid contact with eyes, mouth & skin. Protective clothing, gloves & safety glasses should be worn while handling the product. Treat any splashes to skin immediately with water & soap. For accidental contact in eyes wash thoroughly with plenty of water and seek medical advice immediately. For more information, refer to the product SDS.

TECHNICAL SUPPORT

CIC provides on-site assistance, as well as consulting services on projects when requested. Technical data sheets on other **CIC** products and guidance on their use are available on request.

Warranty

CIC products are guaranteed against defective materials and manufacture and sold subject to **CIC's** standard terms and conditions of sale. Whilst **CIC** endeavors to ensure that any advice, information or recommendation given is correct, the company cannot accept any liability either directly or indirectly arising from the use of its products. User of the product must test the product's suitability for the intended application and purpose, since the company has no control over the application of its products. Information contained in this document is given on the best current knowledge. Our Products are in continuous development and **CIC** reserves the right to change the product without prior notice.

Technical data sheet
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