

# BT 26

## Bitumen emulsion

**Water-based, bituminous primer for priming substrates for self-adhesive insulation materials**

### CHARACTERISTICS

- ▶ Increases adhesion
- ▶ Also intended for slightly damp substrates
- ▶ one-component
- ▶ Ready to use
- ▶ Free of solvents

### SCOPE OF USE

Ceresit BT 26 is used to increase the adhesion of cold-applied, self-adhesive waterproofing membranes such as Ceresit BT 21. For outdoor use on absorbent mineral substrates such as compact concretes (strength category at least C 12/15), plasters (strength category CS IV according to EN 998-1), aerated and silicate concrete blocks, concrete blocks, cellular concrete and even brick walls, old bituminous substrates requiring restoration. Metal and plastic surfaces do not require priming. The material shall not come into direct contact with water intended for human consumption or food. Do not use for sealing tanks. BT 26 can be used in green and energy-efficient construction and passive buildings.

### SUBSTRATE PREPARATION

Substrates must be even, load-bearing, clean, dry or slightly damp and free from substances that reduce adhesion:

#### 1) Damp and wet substrates

The substrate must be absorbent, i.e. it should be dry or slightly damp (the structural moisture content of the substrate should not exceed 6%) enough for the BT 26 coating to penetrate it. Approximately 4 days before priming, wet substrates should be covered with CR 65 waterproofing mortar according to the application instructions.

#### 2) Rough walls

Joints 2 to 5 mm wide, grooves and joints in plaster, substrates with very large pores and cracks in concrete should be filled with CP 43 to avoid air entrainment and the formation of bubbles. Before doing so, the substrate must be properly primed.

Holes, cracks, joints and numerous irregularities > 5 mm must be filled and levelled with a strong cement mortar. For brick walls with numerous irregularities and holes, make a levelling layer of cement mortar.

#### 3) Preparation of corners and edges



Internal corners and joints between walls and continuous footing must be rounded with a strong cement mortar. Any sharp-edged irregularities must be removed and the outer edges must be “chamfered”.

### APPLICATION

Before use, mix BT 26 thoroughly with a low-speed mixer and suitably sized stirrer to a homogeneous consistency. Dilute the emulsion with water in a ratio of 1:1. This solution can be applied at temperatures above +5°C. BT 26 can be applied by brushing or spraying, evenly on the substrate. Before applying Ceresit BT 21 membrane, the primer must be completely dry and have adequate adhesion to the substrate.

Clean tools and fresh dirt with water.

### PLEASE NOTE

BT 26 should only be applied in dry conditions, at air and substrate temperatures of +5°C to +30°C and a humidity of less than 80%. Store and transport at a temperature of not less than +5°C. All data refers to a temperature of +20°C and a relative humidity of 60%. Under

other conditions, allow a shorter or longer drying time.  
Wash off fresh dirt from BT 26 with water. Once hardened, the material can only be removed mechanically.

Wear protective clothing, gloves and goggles when working. Keep out of reach of children. In case of contact with eyes, rinse abundantly with water and seek medical advice.

Disposal notes: Only recycle empty packaging. Cured product residues may be disposed of together with other industrial waste. Dispose of non-cured product as hazardous waste. European waste code: 080410

## STORAGE

Min. 12 months from date of production when stored in dry, cool conditions and in original, undamaged packaging at a temperature not exceeding +30°C. Full pallets must not be stacked.

**Protect against frost during storage and transport!**

## PACKAGING SIZE

Plastic packaging: 5 L

## TECHNICAL DATA

Base:	highly concentrated, solvent-free bitumen emulsion
Components:	single-component product
Density:	1.0 kg/dm <sup>3</sup>
Consistency:	liquid with paste consistency
Colour:	black and brown
Drying time*:	· resistance to rain: after approx. 2 hours · fully cured: after approx. 1 day
Use time:	open
Application temperature (refers to substrate temperature and ambient temperature):	between +5°C and +30°C
Thermal resistance (once fully cured):	between -20°C and +80°C
Approximate yield:	Primer · at a dilution of 1:1 - about 150 ml/m <sup>2</sup> · undiluted - approx. 250-300 ml/m <sup>2</sup>

\*data refers to a temperature of +23°C and a relative humidity of 50%. Remember that at higher temperatures, the times decrease, while higher humidity increases the specified time.

Any technical advice can be obtained from the telephone numbers:  
+49 211 797 0

+49 211 798 2148

In addition to the information provided in this data sheet, the rules of the trade, guidelines of institutes and associations, relevant national and European standards, approval documents, health and safety regulations, etc. must be observed. The properties and technical characteristics listed above are based on practical experience and tests. Any properties and applications of materials outside the scope of this data sheet require our written consent. All data refers to a substrate, ambient and material temperature of +23°C and a relative humidity of 50%, unless otherwise stated. In other climatic conditions, the specified parameters may vary.

The information contained in this data sheet, in particular recommendations concerning the method and conditions of application, as well as the scope of application and use of our products, is based on our professional experience. This technical sheet defines the scope of application of the material and the recommended method of executing the work, but it cannot replace the professional preparation of the contractor. The manufacturer guarantees the quality of the product, but has no control over the conditions and method of its use. Given that the conditions in which the products are used may change, it is recommended to perform your own tests in case of any doubts.

We will not be liable for the above information or any verbal recommendation related thereto, except in cases of gross negligence or wilful misconduct. This technical sheet replaces all previous versions applicable to this product.

