

Torggler

Waterproofing

BW 200

Multi-function bituminous waterproofer.



- High waterproofing power
- Excellent adhesion to the substrate
- High elasticity
- Duration in time
- Resistance to weathering, UV rays and occasional water stagnation
- Easy laying: allows considerable savings in time and manpower
- Can be left exposed or covered with cement-based mortar and can be painted
- Odourless, solvent-free, non-flammable product



APPLICATION AREAS

BW 200 is suitable for waterproofing and protecting, both vertically and horizontally:

- Concrete: foundations, cement surfaces in general, gypsum
- Metal and glass
- B.p. slated membranes or old bituminous coverings to be restored *
- Plasters and plasterboard
- Wooden roofs
- Ceramic floors, bathrooms, showers, vases and flower boxes.

BW 200 can be used as a primer coat for the laying of:

- Cement-based materials such as tile adhesives (with the CE mark: EN 12004 type C).
- Protective cement plasters in the case of foundations.
- Cement-based mortar for roof tiles in the case of pitched roofs.

In addition, BW 200 diluted to 50% can be used as a dust proof primer when bonding insulation panels to porous substrates.

* NOTE: Connect the b.p. membranes with other elements only on slated membranes.

MAXIMUM ATTAINABLE THICKNESSES

3 mm (in 2 coats)

FEATURES

BW 200 is a liquid bituminous water-based elastomeric waterproofing agent containing bitumen, inert fillers, elastomeric resins, additives. Suitable for waterproofing both horizontally and vertically concrete and cement surfaces in general, gypsum, metal and glass, slated membranes or old bituminous coverings to be restored, plaster and plasterboard, wooden roofs, ceramic floors, bathrooms, showers, vases and flower boxes.

WARNINGS

Avoid applying BW 200 on surfaces subject to water stagnation.

Do not apply on very hot substrates that would cause negative consequences on the cohesion and adhesion of the product to the substrate.

In case of application on polymer bitumen membranes or bituminous coverings, check the adhesion of BW 200 before proceeding with the application.

It is important that the application takes place at an ambient temperature between +5 °C and +35 °C. Extreme hot and cold conditions and adverse weather conditions should be avoided during application. The still wet layer can be washed away by rainwater or ruined by dew and frost.

BW 200 may be walked on occasionally in cases of occasional maintenance.

INSTRUCTIONS FOR USE

Preparation for use

Make sure that detached parts, brittle or non-adherent parts, paint, rust, dust, release agent oils are removed and thoroughly clean surfaces that must be solid and dry. BW 200 can also be applied on slightly damp surfaces. The substrates to be treated must be mature and cured and must not present defects or irregularities that lead to the application of an excessive thickness of product and that compromise regular drying. Waterproofing parts with b.p. membranes must be carried out before installing the membrane (reversing the installation phases must be avoided). Check that there is no rising damp or water counterthrust. Apply at temperatures between +5 °C and +35 °C; avoid extreme hot and cold conditions during application and drying of the film.

Instructions for use

BW 200 can be applied with a roller, brush, spray, long-handled scrubbing brush, masonry trowel or toothed trowel. Application in two coats is recommended. Apply the second coat when the first one is completely dry. On surfaces larger than 10 m², critical points or mechanically stressed substrates we recommend reinforcing BW 200 with suitable Torggler NT50 non-woven polyester reinforcement buried in the first coat while still fresh. Apply BW 200 on new roofs with membranes without mineral finish only after a coat of Torggler Black Hydro Easy diluted to 10%. Wash tools immediately after use with water. After hardening BW 200 should be removed with hot water or thinner.

TECHNICAL SPECIFICATIONS

Appearance	Liquid
Colour	Grey
Colour after drying:	Black
Flash point when the vessel is closed	Non-flammable
Dry residue at 130 °C (EN ISO 3251)	66-74%
Viscosity (Brookfield 20 °C gir. No. 5-10 rpm) (EN ISO 3219):	30.000 cp ± 600
Specific weight at 20 °C (EN ISO 2811-1):	1.35 kg/l ± 0.05
pH	7-8 (at 20 °C)

Adhesion for direct traction on wood/metal (EN 1542:2000)	1.7 N/mm ²
Touch dry time (*)	6 hours
Covering drying time	24/48 hours
Average consumption with two coats without reinforcement	1.5-2.0 kg/m ²
Average consumption with two coats with reinforcement	2.0-2.5 kg/m ²

(*) Values recorded at 23 °C and 50% R.H. The data may vary depending on the thickness of the product applied and the specific site conditions: temperature, humidity, ventilation, absorpency of the substrate.

Performance characteristics EN 1504-2:2004 – Coatings – PI MC IR

Permeability to CO ₂	S _D >50 m
Permeability to water vapour	Class I
Capillary absorption and permeability to water	w <0.1 kg/(m ² h ^{0,5})
Adherence force for direct traction	>1.0 N/mm ²
Abrasion resistance	<3 g
Impact resistance	Class II

Performance characteristics EN 14891:2002 – MD

Initial tensile strength	≥ 0.5 N/mm ²
Tensile strength after immersion in water	≥ 0.5 N/mm ²
Tensile strength after exposure to heat	≥ 0.5 N/mm ²
Tensile strength after freeze-thaw cycles	≥ 0.5 N/mm ²
Tensile strength after immersion in lime water	≥ 0.5 N/mm ²
Waterproofness	No penetration
Overhead capability under standard conditions	≥ 0,75 mm

Color	Black
Packaging	bucket
Packaging size	20kg, 5 kg
Pallet	33 buckets, 80 buckets

CONSUMPTION

The consumption of BW 200 varies depending on the substrate and the desired thickness. Average product consumption with 2 coats without reinforcement approx. 1.5-2 kg/m², with reinforcement approx. 2-2.5 kg/m².

STORAGE

Store BW 200 in a dry and sheltered place in the original packaging. Do not expose the packages to temperatures below +5 °C. It will keep for at least 12 months. PROTECT FROM FROST.

The information contained in this document is reported on the basis of our experience and knowledge; therefore, any recommendations and suggestions made are without any guarantee and must be verified before using the product by those who intend to use it, who assume all responsibility that may result from its use since the conditions of use are not under our direct control. In case of doubt, it is always advisable to make preliminary tests and/or ask for the intervention of our technicians. Torggler reserves the right to modify, replace and/or delete the items, as well as to change the product data in this document without prior notice; in this case the indications given here may no longer be valid. Always refer to the latest version of the data sheet, available at www.torggler.com. Version 09.02.2021.