



TOW BK



GENERAL INFORMATION ON USE

Name

TOW BK

Description

TOW BK is a cement skimming mortar in powder form based on selected aggregates, hydraulic binders, vinyl copolymers and specific additives. It has excellent spreadability and filling characteristics and is suitable for skimming concrete, seasoned cement plasters, attics, pre-stressed floor support slabs and for smoothing off irregularities up to 1 cm thick.

For professional use.

UNI 8681 classification

Single-component cement-based stucco in powder form for base layer application with reactive physical drying, matt finish

Use

Indoors/outdoors

Suitable substrates

Seasoned cement plasters, restoration of vertical surfaces and ceilings, exposed reinforced concrete, prefabricated concrete elements, pre-stressed floor support slabs and attics

CHARACTERISTICS

Composition/appearance

Physical state: powder

Type of resin/binder: vinyl copolymers/cement (UNI 8681)

Dimensional characteristics

Absolute gravity: $1,36 \pm 50 \text{ kg/dm}^3$

Absolute gravity in paste form: $1,80 \pm 50 \text{ kg/dm}^3$

Particle size: max 1.2 mm

Performance characteristics

Dry residue: 100%

Colour range

White, grey

APPLICATION

Environmental conditions

Ambient temperature: min. $+5^\circ \text{C}$ max. $+40^\circ \text{C}$

Relative ambient humidity: max. 80%

Do not apply under a hot sun or when there are strong winds.

Type of equipment

Spatula, trowel, low-speed mixer

Mixture

Type: water

Mixture ratio

20 – 22 litres of water with every 100 kg of dry mix.

Pot life of the mixture at $\approx 20^\circ \text{C}$

Approximately 4 - 5 hours depending on the environmental conditions.

Preparation of the substrate

The substrate must be sound and carefully prepared by manual brushing and/or washing by high-pressure washing equipment. Check that there are no saline efflorescences, dust, dirt, loose bits, wax, oil or anything else that could compromise the adhesion.

Flaky concrete and plaster must be consolidated by applying a coat of Towacril at least 5 – 6 hours before applying TOW BK.

Dampen the substrate before application

Application procedure

Using a low-speed mixer, mix approx. 5.2 litres of water for every 25 kg of TOW BK for at least 5 minutes until a homogenous, clot-free, uniform mixture is obtained. Let it stand for 10 minutes, remix and add a minimum quantity of water if necessary before using. Spread the mixture with a metal spatula onto the substrate that has been previously dampened and then wait for 3 to 6 hours before applying the second layer and subsequently skimming with a sponge trowel.

TOW BK can be mixed and sprayed with mechanical plaster-spraying equipment. It is then skimmed using a sponge trowel. The quantity of water in the mixture can slightly vary on the basis of the spraying equipment used. After 48 hours the dried surface is ready to be covered with organic paint products or plastic coverings. Maximum thickness is 1 cm (spreading several layers).

Do not apply to gypsum

Coverage

Amount used per m^2 : 1.4 kg per mm of thickness



TOW BK



STORAGE

Packaging

Bags – 25 kg

Storage

The stability of the product is guaranteed for twelve months if it is stored in its original packaging in a dry, sheltered place. Do not store the product at less than 5° C and more than 30° C

SAFETY INFORMATION

Hazard classification

Hazard labelling required in accordance with directive 2001/60/EC and subsequent amendments.

Warning advice for the user

The concentrated substance can be slightly irritating to the skin. See safety sheet

Odour limit

Cement

Identification of waste material type

In accordance with EEC decision 2000/532/EC amended as: 2001/118/EC, 2001/119/EC, 2001/573/EC and subsequent amendments

Paper containers:

Classifiable as code 150105. Potentially treatable as urban waste material in accordance with the regulations of the individual municipalities.

If the containers contain residues of non-dried powder, they can be classified as code 150110

Dispose of in accordance with local regulations



N.B. This Technical Information Sheet is compiled to the best of our technical/scientific knowledge. Nevertheless, it is not binding and does not imply that we are responsible, as the conditions of use are outside our control. It is recommended that the product is always checked as being suitable for the specific application.

IVAS Industria Vernici S.p.A. – Via Bellaria, 40 – 47030 San Mauro Pascoli (FC) – Italy
Phone +39 0541 815811 – Fax +39 0541 815815 www.gruppoivas.com ivas@gruppoivas.com

Company with quality management system certified UNI EN ISO 9001