COMPAKTUNA®

PANOCOL®

Water-resistant bonding, reinforcement, and adhesive plaster

CE
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COMPAKTUNA® bv/srl
INDUSTRIEPARK ZWIJNAARDE 6
9052 GENT – BELGIUM

511/CPR/180702

EN 998-1: 2016

PANOCOL®

General purpose rendering mortar

Type GP

Water absorption	W_c2	
Adhesion	≥ 1 N/mm²	FP: B



CHARACTERISTICS

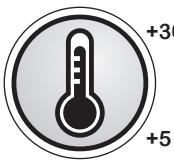












PANOCOL® is a dry, ready-to-use cement-based plaster with high water resistance, suitable for both indoor and outdoor applications.

PANOCOL® consists of cement, selected quartz sands, and high-quality additives to improve adhesion to various materials, including insulation materials and construction boards. By simply adding water, a water-resistant bonding, reinforcement, and adhesive plaster is obtained.

The main properties of PANOCOL® are exceptional adhesion, very good workability, and good water resistance. Additionally, PANOCOL® will not deform bonded elements, such as construction boards and EPS insulation boards, due to its very low shrinkage.

PANOCOL® is used for installing and covering insulation boards and construction boards made of EPS & XPS.

PANOCOL® can be classified as CS IV WC2.

Technical characteristics	Category and values according to NBN EN 998-1: 2016
Compressive strength	CS IV
Tensile strength	≥ 0,5 N/mm²
Capillary water absorption	W_c2
Water vapor permeability μ	≤ 25
Thermal conductivity λ (P = 50)	0,45 W/mK

Mixing ratio	Consumption	Packaging
±4,50 L to 5 L water per 25 kg bag (±18% to 20% water)	±1,5 kg/mm/m² in powder	25 kg PE
Colour	**Processing time**	**Application temperature**
Grey	2 hours	+5 °C to +30 °C (substrate and environment)

PANOCOL®

DIRECTIONS FOR USE



1. Substrate

Work should always be carried out on a stable, rough, clean, healthy, dust- and oil-free surface that is free of loose particles and has sufficient load-bearing capacity. Absorbent and uneven surfaces should be pre-moistened with a COMPAKTUNA® (PRO)/water solution (1/4) or primed with PRIMER PO. Suitable substrates include brick masonry, aerated concrete blocks, concrete surfaces, cast concrete, gypsum-based surfaces, insulation panels, lightweight construction boards, and prefab walls.



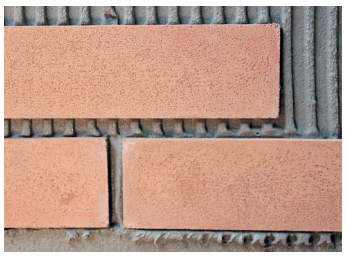
2. Application

Plaster: PANOCOL® is mixed with 18% to 20% water, i.e. ±4.5 to 5 L of water per 25 kg bag, depending on the desired consistency. Pour the required amount of water per 25 kg bag into a mortar tub and slowly and evenly add the dry plaster. Mix the entire mixture intensively with a slow-turning mixer for 5 minutes until a lump-free homogeneous mass is achieved. Let the plaster rest for 2 minutes, then mix it again intensively. Apply the prepared mortar manually with a trowel to the substrate. Spread and level PANOCOL® with a straight edge or rule to the desired thickness. For gluing decorative elements, use a notched trowel to comb the plaster. For outdoor applications, it is recommended to also apply a bonding layer of PANOCOL® to the back of the element and place it with a slight rotating movement into the still fresh adhesive layer to achieve 100% adhesion. For some specific decorative elements, it may be advisable to prepare PANOCOL® with a dilution consisting of 1 part COMPAKTUNA® PRO and 1 part water.



REMARKS

- For certain panels, the surface should first be roughened or the melt layer removed.
- We recommend always conducting an adhesion test in case of doubt.
- The freshly applied plaster must be protected from driving rain and rapid drying during the first 24 hours.
- Particularly when exposed directly to sunlight and wind, appropriate protective measures should be taken, such as shielding the façade with a tarp along the scaffolding.
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PACKAGING

PANOCOL® is available in a gray color in 25 kg polyethylene bags. The shelf life is 12 months in the original, unopened packaging and stored in a dry place.

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As the applications of our products are diverse, no single application guideline can be laid down. All product data reflect the state of knowledge of our products at the time of publication. Therefore all suggestions and recommendations concerning the use of our products are merely illustrative. Apply the product on a small and insignifi cant spot before starting to use our products to be sure the desired result is obtained. Always ask for the technical sheet of our products. Visit the website www.compaktuna.be. Consult our “technical department” which can be reached for free on the green number 0800/92279. The Dutch text shall be exclusively binding.
Version 10/02/2014. **COMPAKTUNA BV is EN ISO 9001 certified.**

COMPAKTUNA®
Quality & Innovation

A MEMBER OF HOLCIM GROUP

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