

# ISBAROC 'R'

## Base Coat Mortar - GP CS III W0



### PRODUCT DESCRIPTION

ISBAROC R is a general-purpose base coat mortar designed for mechanical application on interior and exterior walls. It is classified as GP CS III W0 mortar according to EN 998-1.

### FIELDS OF APPLICATION

#### Suitable Substrates:

- RT2 and RT3 class masonry (concrete, brick, concrete blocks), compliant with DTU 26.1.
- For old masonry or non-standard substrates, please consult us.

#### Unsuitable Substrates :

- Substrates not compliant with DTU 26.1.
- Horizontal surfaces.
- Substrates with low pull-off resistance (RT1).
- Metallic, painted, or plaster-based substrates.

### PRODUCT CHARACTERISTICS & PERFORMANCE

#### Application Characteristics :

Water-to-powder ratio	Approx. 20% water
Setting Time	15–20 minutes after spraying
Trimming Time	Approx. 4 hours after spraying
Average Applied Thickness	15–20 mm

 <b>Packaging :</b>	25 kg bags/ Pallet (1.6 T / 64 bags)
--------------------------------------------------------------------------------------------------------	--------------------------------------

### APPLICATION

#### Substrate Preparation (DTU 26-1)

- Substrates must be clean, free of dust, oil, grease, release agents, efflorescence, and thoroughly moistened if necessary.
- Masonry joints must be properly filled.
- Any holes, cracks, or irregularities over 2 cm must be pre-treated at least 2 days in advance using ISBAROC R.

#### Application:



- Apply in one coat using a plastering machine, up to a maximum thickness of 20 mm.

- For thickness >15 mm, apply in multiple layers spaced at least 24 hours apart.
- After spraying, wait a few minutes before leveling the surface using an aluminum straightedge.
- After approx. 4 hours (depending on surface and environmental conditions), once hardened, finish with a plastic or wooden trowel to achieve a denser surface suitable for final finishes.



### PRODUCT ADVANTAGES

- Consistent performance.
- Simplifies and speeds up application.
- Suitable for indoor and outdoor use.
- Good adhesion to substrate.

#### Composition :

- Hydraulic binders  $\geq 300 \text{ kg/m}^3$ .
- Mineral Fillers.
- Specific additives.

#### Storage :

- 12 months in original sealed packaging, protected from humidity.

#### Color :

- Cement Grey.

### Performances de l'enduit à l'état durci selon EN 998-1:

Density	1.4 – 1.8 g/cm <sup>3</sup>
Compressive Strength	CS III
Adhesion Strength	$\geq 0.50 \text{ N/mm}^2$
Water Vapor Permeability Coefficient	4.9
Thermal Conductivity ( $\lambda$ )	0.750 - 0.800 W/m.K
Capillary Water Absorption	W0
Reaction to Fire	A1

All values provided in this technical data sheet are based on laboratory tests. They may vary significantly depending on site conditions and application methods.



<b>Consumption :</b>	Varies depending on substrate type, flatness, and roughness. Approx. <b>37.5 kg/m<sup>2</sup></b> , i.e., <b>1.5 bag</b>
----------------------	-----------------------------------------------------------------------------------------------------------------------------

**Application Temperature:** Between 5°C and 35°C.

#### Recommendation:

- Use gloves and mask during application.
- Do not apply on frozen, thawing, hot, sun-exposed, wet, rainy, or windy surfaces.

### LEGAL NOTICE

- The technical values presented are average statistical values and may be updated without prior notice.
- This document is not legally binding. No liability shall be assumed in case of improper use.

### REFERENCE DOCUMENTS

- EN 998-1 - DTU 26.1 - DTU 20.1 - EN 1015-3
- EN 1015-19
- Applus Test Report N° "23/32308357"