

1. DESCRIPTION

The **PLAN CLASSIC** floor screed is a dry mortar, formulated from hydraulic binders, limestone and siliceous aggregates. It is a product specifically designed for use with traditional mixing equipment for this type of mortar.

2. FIELD OF USE

The **PLAN CLASSIC** floor screed is specifically designed for creating levelling and filling layers for indoor and outdoor floors, providing a substrate suitable for all common types of final floor coverings such as: wooden flooring, ceramic tiles, decorative stone, cork and vinyl, amongst others. This product is not suitable for use as a final finish.

The **PLAN CLASSIC** floor screed can be applied to various types of concrete slabs, but must always be applied onto a stable substrate.

It can be used as a restoration material in older buildings; in such cases, we recommend consulting our Technical Services beforehand.

3. PRODUCT FEATURES

Powder product	Amount
Grade	< 3,5 mm
Paste product	Valor
Mixing water	11,0 ± 1,0 %
Theoretical consumption	18,5 kg/m ² /cm
Hardened product	Valor
Compressive strength	C12
Flexing strength	F2
Density	2000 ± 150 kg/m ³
Reaction to fire	A1 _{fl}

4. APPLICATION

a) Preparation of substrates

The substrates must be hardened, free of excess water, dust, and residues of other materials (oils, water repellent, grease, etc.) that affect the conditions of adherence.

To improve adherence conditions, the texture of the substrate that will receive **PLAN CLASSIC** must be rough.

An adherence bridge must be ensured on old coatings using an adherence primer such as **REDUR AD 90** or **REDUR AD 04**. However, given the specific nature of restoration operations, we recommend that you consult our technical services beforehand.

b) Preparation of the mixture

The **PLAN CLASSIC** floor screed must be mixed using specific equipment for this type of application.

c) Application

The **PLAN CLASSIC** floor screed is applied using traditional screeds techniques, requiring no special procedures or precautions beyond those required by the usual screed application processes. The mortar should be spread over the substrate, forming a levelled layer, and then trowelled to obtain a flat surface ready to receive the final coating.

It should be applied to a minimum thicknesses of 4 cm and a maximum thickness of 10 cm, and should be used appropriately for its intended purpose.

In more demanding situations, **PLAN CLASSIC** floor screed may be reinforced with anti-alkali fibreglass mesh such as **REABILITA REDE AR 160**, or with electro-welded mesh such as AQ 50 type, in accordance with the specific requirements of the project.

A minimum of 72 hours must elapse before applying the floor covering, depending on weather conditions and the type of finish required. The final floor covering must be applied in accordance with the rules and conditions recommended by the manufacturer, strictly adhering to the required moisture content.



Applications



Levelling



Smoothing

d) Joints

The provisions of the project must be complied with as regards the prescription of transverse joints, longitudinal shrinkage/flexion joints, construction joints and/or expansion joints.

Fraction and shrinkage joints subdivide continuous bonding areas into smaller fractions. The maximum recommended floor area should be:

- Interior: 25 m² or when one side exceeds 8 continuous metres;
- Exterior: 16 m² or when one side exceeds 5 continuous metres.

e) Restrictions

- As **PLAN CLASSIC** floor screed is a hydraulic mortar, it should not be applied at room and substrate temperatures below 5°C and above 30°C;
- Its curing time is 28 days;
- In dry weather or when the sun is strong, the surfaces should be watered daily;
- Never apply the product in adverse weather conditions, particularly in high temperatures or rain, when applied outdoors;
- Whenever it is applied to an unstable substrate, a steel or fibreglass mesh with equivalent properties must be incorporated.

f) **Complementary advice**

- The water in the mix must be free of impurities (clay, organic material), preferably being of drinking quality;
- Any mortar that has exceeded its open time must not be applied. Do not soften the mortar;
- Do not add any other products to the mortar, the **PLAN CLASSIC** floor screed should be applied as displayed in its original packaging.

5. PACKAGING AND VALIDITY

Packaging

Plastic pallets of 60 x 25kg paper bags.

In bulk for use in silo systems.

Expiry

6 months, provided the original packaging conditions remain unchanged and in storage conditions protected from extreme temperatures and damp.

6. RELATED PRODUCTS

- **REDUR AD 90** (Single-component bonding primer)
- **REDUR AD 04** (Mortar additive)

7. HYGIENE AND SAFETY

(DOES NOT PRECLUDE THE PRODUCT SAFETY DATA SHEET)

- Irritant to the eyes, respiratory system and skin;
- May cause sensitivity in contact with the skin;
- Do not inhale the dust;
- Avoid contact with the skin and eyes;
- In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice;
- Wear suitable protective clothing and gloves;
- Keep out of the reach of children.

PLAN CLASSIC

SCREED FOR FILLING AND LEVELLING FLOORS



PLAN CLASSIC

EN 13813

Cementitious screed (**CT-C12-F2**) not fit for use as topping.

Declaration of performance DOP.09001

Since the conditions of application of our products are out of our control, we cannot be held responsible for their incorrect use. It is the customer's responsibility to verify the suitability of the product for its intended purpose. In any case our liability is limited to the value of the goods provided by us. The information contained in this factsheet may be changed without notice. In case of doubt, and should you require further clarification, we recommend you contact our technical services.

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