

TECHNICAL DATA SHEET **IsoTex F50**

Product Description

IsoTex F50 is a purely mineral dry mortar as a thin-layer lightweight plaster in accordance with DIN 998-1.

Ingredients

White cement, calcium hydroxide, mineral fillers, mineral additives

Product Group / GIS Code

ZP 1

The information in the current safety data sheet applies.

Scope of application

As a top plaster for the production of smooth surfaces in a fine smooth plaster structure on the IsoTex R70 insulating plaster.

Product-specific properties

Thin-layer light plaster for exterior and interior surfaces according to DIN EN 998-1:2003, category CSI, alkaline, resistant to mould and algae, biocide free, permeable to diffusion,

Material characteristics

Compressive strength (class CS II): > 1.5 MPa

Adhesion -Tear-off Method (B): > 0.4 Mpa

Drying range: sd = 1.7

Hardened mortar density : 550 kg/m³

Reaction to fire : A1/ non-combustible

Grain thickness: 0.125mm-1.00mm

Amount of mixing water: 0.45-0.50 l/kg

Yield at a layer thickness of 5mm: 3.3-4.0 kg/m²

Plaster thickness of a plaster layer: 5mm

Processing time after mixing: 60 min.

NOTE: Technical parameters are determined under standardised conditions (20 ± 2) °C and (65 ± 5) % rev. humidity.

Substrate preparation

The IsoTex R70 insulating plaster must be thoroughly dried and free of impurities.

Processing

To ensure a homogeneous consistency of the mortar when applying, it is necessary to use the entire contents of the bag. For larger areas, it is recommended to mix with a forced mixer or continuous mixer. Do not mix in the free-fall mixer!

Pour the entire contents of a container into approx. 4.5 litres of mixing water and mix with a hand mixer for at least 5 minutes to form a homogeneous, lump-free mortar. Let the mortar mixture stand for 5 minutes and then mix thoroughly again.

Partial use of the contents of the bag is not permitted.

Pre-wet IsoTex R70 well or, for large areas, prime with CC FixPlus.

First apply a layer of mortar with a trowel and then smooth it out with a surface squeegee.

In the case of multi-layer processing, the individual plaster layers must be roughened.

For smoothing, IsoTex F50 can be felted with a damp sponge board (white), creating a fine smooth plaster structure.

IsoTex F50 must be coated with Climate-Coating products.

General Attention:

EN 13914-1 applies to the planning, preparation and execution of exterior plasters

Additional addition of binders, fillers and other ingredients or sieving of the mixture is not permitted.

The mixture can only be applied at air and substrate temperatures of + 5 °C. Do not use if frost is expected!

Drinking water or water in accordance with EN1008 must be used to mix the mixture.

Consumption

3.3-4.0 kg/m² with a layer thickness of 5mm.

Storage and transport

Store the product in a dry place in the original packaging – protect it from damage, water and high humidity. If the specified conditions are met, the shelf life is 12 months from the date indicated on the packaging.

Delivery form

11 kg in bags

The dry mix is delivered in paper bags on pallets covered with foil.

Disposal

Dispose of the used packaging in an approved landfill. Allow the unused material to harden and dispose of it in a municipal landfill. Own processing - waste codes 101311 wastes from other mixed materials not listed under numbers 101309 and 101310. Cured Material - Waste Key 170904 Mixed Construction and Demolition Waste not listed under numbers 170901, 170902 and 170903.

Safety instructions

First Aid

In case of health problems or in case of doubt, notify the doctor.

If inhaled, bring the affected person out into the fresh air, seek medical help if breathing difficulties occur.

In case of skin contact, wash the skin with clean water and soap. Treat irritated areas with skin protection cream.

In case of contact with the eyes, immediately rinse the eyelids with a stream of clear water for 15 minutes. and then seek medical attention.

If swallowed, rinse the mouth with water, drink 0.5 liters of water and consult a doctor. Do not induce vomiting.

The material can cause an allergic reaction if it comes into contact with the skin. If the symptoms of an effect (irritation) caused by contact with the product do not disappear after initial treatment, consult a doctor.

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Safety and hygiene regulations



Warning word: danger

Validity

From 08.07.2025

Since the use and processing of the product is not directly under our control, we are not liable for any damage caused by improper use. We reserve the right to make changes due to technical progress.

H315 Irritates the skin.

H318 Causes severe eye damage.

H335 May irritate the respiratory tract.

P101 If medical attention is required, have the container or manufacturer's label ready.

P102 Keep out of reach of children.

P261 Avoid inhalation of dust.

P280 Use protective gloves/protective clothing/goggles/face shield.

P305+P351+P338: IN CASE OF CONTACT WITH EYES: Rinse gently with water for a few minutes. If worn, remove contact lenses and remove them if possible. Keep rinsing.

P310: Call a POISON CENTER or doctor immediately.

P302+P352: IN CONTACT WITH SKIN: Wash with plenty of soap and water. For skin irritation or rash

P333+P313: Seek medical advice.

P304+P340: INHALE: Move the person to fresh air and hold it in a position that makes it easier to breathe.

P312 If you feel unwell, call a POISON CENTER or a doctor.

P501 Dispose of contents/packaging at a collection point designated in accordance with local regulations.

Manufactured

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