

RAGRENOV S30

FIBRE-REINFORCED – HEAVY TRAFFIC – THICKNESS 3 TO 30 MM



 Grey



DESCRIPTION

Fibre-reinforced leveller for floors with heavy traffic. Suitable for both new work and renovation, RAGRENOV S30 is particularly suitable for use on wooden substrates.

ADVANTAGES

- High performance: high mechanical resistances and flexibility
- Quick curing
- New work and renovation
- Can be pumped

WHERE TO USE

WHERE TO USE for equalizing and smoothing substrates

- Homes and high-demand premises: offices, schools, hospitals, airports, etc.
- Heated floors, both water and electric
- Do not use for wet floors and rooms

SUBSTRATES That comply with current DTU and Technical Specifications

- Masonry substrates, concrete floors, slabs on an earth platform
- Asphalt screed, dry screed
- Wood panel flooring, parquet flooring with rigid strips or inlaid
- Existing tile, semi-rigid vinyl slab
- Existing paint: please ask us

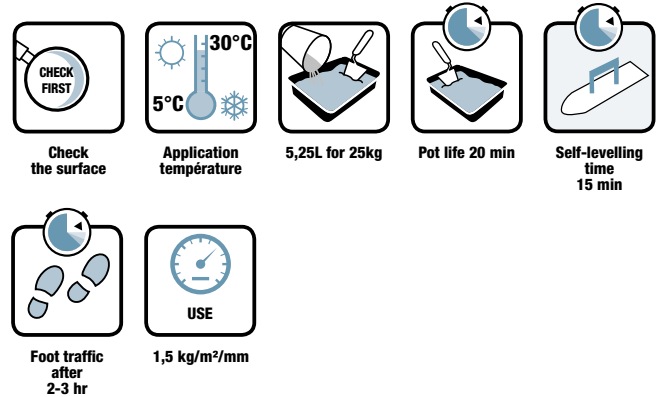
ASSOCIATED COVERINGS and indicative waits before covering⁽¹⁾

Coverings / Thickness	3-10 mm	11-20 mm	21-30 mm
Tile and carpet	1 day	1,5 days	2 days
Plastic and similar coverings	1 day	2 days	4 days
Parquet and all coverings allowed over wooden floors	2 days	4-5 days	6-8 days

Compliance with these times does not exempt users from DTU/ Technical Specifications checks for the covering being laid.

HOW TO USE

Note: The following is a typical description of application. If your site has other parameters, contact our Technical Department.



PREPARATION STEPS

See Technical Specifications Sol P3 Renovation testing before work and substrate preparation and CERMIX Tip sheets.

TOOLS

Mixing container, measuring bucket, variable-speed mixer (use low speed) with a spout suitable for smoothing mortars, stainless-steel smoothing trowel, debubbling roller suitable for the thickness used, a mortar pump for fibre-reinforced mortars (if pumping), etc.

SURFACE PREPARATION

The surface should be sound, clean, solid, free of grease and dust, rough, not leach moisture, and be free of form oils and poorly adherent materials.

Apply primer to the substrate: CERMIFILM, CERMIPRIM UNIVERSEL, CERMIPRIM RAPID or CERMIGRIP depending on the substrate. Depending on the risk, use an anti-rising damp barrier (see CERMIBLOC technical data sheet).

Install bond-breaking strips around the edge of each room and around vertical components.

Note: Comply with the technical data sheets for the various surface-preparation products.

PRODUCT PREPARATION

Using an electric mixer on slow speed, mix 25 kg of powder with 5:25 ± 0.375 l of water for ≈3 min until a paste with a fluid, even, lump-free consistency is obtained.

EQUIPMENT PREPARATION

If pumping, use a pump that ensures adequate, uninterrupted and constant water flow.

The pump and its accessories must be clean and properly prepared to deliver a liquid, fibre-reinforced levelling mortar.

Mix by hand a few times to reproduce the pumping consistency.

The applicator team must be trained in how to apply levelling mortar using a pump. Do not hesitate to contact the pump manufacturer with any questions.

APPLICATION

Without waiting, spread the product using a stainless-steel smoothing trowel using large back and forth movements. To improve mortar adhesion, first scrape it down to nothing. Spread and smooth quickly after mixing. To finish, especially at corners of connectors, use a debubbling roller. Working thickness 3 to 30 mm, applied in one pass.

APPLICATION CONDITIONS⁽¹⁾

Make sure the area is dry and draught-free and out of direct sunlight. Switch off heated flooring for at least 48 hr before, during and after use. Application temperature: 5-30°C
Pot life: approx. 20 min
Self-levelling: approx. 20 min
Open to foot traffic: approx. 2-3 hr
Optional sanding: approx. 3-6 hr

(1): Values obtained at 20°C and 60% RH in the laboratory. Product workability and drying times are shorter in high temperatures and longer in colder temperatures.

CLEANING AND MAINTENANCE

Clean tools with water immediately after use, before the product hardens.

COMPLEMENTARY PRODUCTS

Compressible bond-breaking strips (for the edges), primer, caulk.

COMMENTS

Seal floor grooves with CERMISIL HP or CERMITHANE caulk.

The amount of water depends on the site's specific characteristics. Under identical conditions, the amount is higher in high temperatures and for low thicknesses. On the contrary, it is lower for cold temperatures and high thicknesses.

Fraction every 20-30 m² and 6 ml on corridors and at doors. Use shapes suitable for the thickness of the coating applied.

To obtain a smooth surface appearance, the following parameters must be as constant as possible: site conditions, substrate regularity, tools, preparation and application of the mortar, continuity and consistency of thickness.


TECHNICAL CHARACTERISTICS

APPEARANCE – COMPOSITION

Hydraulic binders, mineral fillers, synthetic resins and special admixtures.

COVERAGE

1,5 kg/m²/mm thick.

 08	RAGRENOV S30 Declaration of Performance Number RAG/6.1/V1.07.2013	
	CERMIX - Rue de la Belle Croix - 62 240 DESVRES	
EN 13813 CT-C16-F4 Cement-based screed material.		
Reaction to fire	Class Ffl	
Release of corrosive substances	CT	
Water permeability	NPD	
Water vapour permeability	NPD	
Compressive strength	C16	
Flexural strength	F4	
Wear resistance	NPD	
Noise insulation	NPD	
Noise absorption	NPD	
Heat resistance	NPD	
Chemical resistance	NPD	

REFERENCE DOCUMENTS

CSTB certified
Complies with standard EN 13813.
DTU, Technical Specifications in force.

PACKAGING

25 kg bags, 48 bags per pallet

STORAGE & SHELF LIFE

Storage: one year in the original sealed packaging in a dry place.

SAFETY INSTRUCTIONS

- EMISSIONS IN INDOOR AIR (1): Information on the level of volatile substances emitted in air indoors, presenting a toxicity risk by inhalation, on a classification scale ranging from A+ (very low emissions) to C (high emissions).
- Consult the safety data sheet at www.quickfds.fr or simply ask CERMIX France for it.
- Always wear personal protective equipment that meets current guidelines and regulations.
- Dispose of the contents and container in accordance with local/regional/national/international regulations.

We reserve the right to update this technical document. It is the user's responsibility to always check whether there is a more recent version available at our website, www.cermix.com. It is the responsibility of the person using the products to ensure that the products are compatible and suitable for the planned use. Prior tests may be carried out to confirm that products behave as expected.