CERMICRYL (SPEC & SEL)

UNDER-TILE WATER-REPELLENCE AND WATERPROOFING SYSTEMS

P4 S

QB

ÉMISSIONS DANS L'AIR INTÉRIEUR[1]

A+
A+ A B C

EC 1 PLUS
very low emission
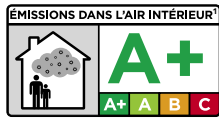
Green

DESCRIPTION

Easy to use.
• Water-resistance (SPEC)
• Under-tile waterproofing (SEL) with the AT75 reinforcement.
CERMICRYL is used in for both new work and renovation and is compatible with many floor and interior wall substrates.
CERMICRYL's high performance creates a direct bonded seal in rooms rated as class P4S (E3).

ADVANTAGES

• All interior locations
• Bonded and mortar-bedded application
• Significant elasticity
• No toxic vapours or solvents
• Ready to use
• Same coating for water-repellence (SPEC) and waterproofing (SEL) (with AT75).

WHERE TO USE SPEC

• Interior walls: rooms for private or public use such as bathrooms, showers, toilets, kitchens, etc.
• Interior floors: private premises

Interior walls
• All substrates compatible with the area's intended purpose

Interior floors
• Rooms rated as class P3 E2 at most as well as private bathrooms, showers and toilets on wooden or wood-derived substrates.
• Calcium sulfate-based screed with the approval of our Technical Department
• Dry screed with the approval of our Technical Department
• Existing coverings: semi-flexible tiles and slabs
• Wood flooring on joists or beams or CTBH or CTBX panels (ask the Technical Department for advice).

WHERE TO USE SEL (with ATT75 reinforcement)

• All interior locations
• Intermediate floors for all private or public rooms where waterproofing is required
• P4S E3 rooms (communal kitchens and related premises) in new work and renovation
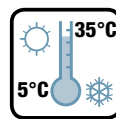
Interior floors
• All new concrete substrates
• Renovation: existing ceramic coverings
• Slope required: at least 1 cm/m

HOW TO USE

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

For SPEC

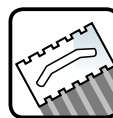| 5°C – 35°C Application temperature	APPLY USING A ROLLER SPEC Heavy-nap roller	Clean with water	Wait time before tiling SPEC : 12hr	USE SPEC 1 kg/m²
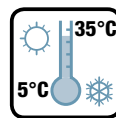
For SEL

5°C – 35°C Application temperature	SEL (Reinforced) Notched trowel V4/2	Clean with water	Wait time before tiling SEL : 24hr	USE SEL 2 kg/m²

TOOLS

Heavy-nap roller (for SPEC), V4/2 notched trowel (for SEL), smoothing trowel.

SURFACE PREPARATION

The surface should be sound, clean, solid, free of dust, not leach moisture, and be free of form oils, poorly adherent materials or holes.
On existing substrates and on very closed/waterproofed substrates (existing ceramic coverings) CERMICRYL is applied directly without primer.
On other substrates, apply CERMIFILM primer (see technical data sheet) or CERMIPRIM UNIVERSEL (see technical data sheet)
in advance using a roller or brush in criss-cross passes, then leave to dry for 30 min to 3 hours depending on the primer and according to the temperature and humidity.

PREPARING THE MIXTURE

Ready to use.

APPLYING THE SYSTEM

Processing special points (SPEC or SEL).
Corners: reinforcement membrane AR12 or AR12C. Internal corners, corner AA12.

Apply a coat of CERMICRYL, press the reinforcement membrane into the fresh product, and then allow to dry for a few hours. Stabilized cracks of 0.3 to 2 mm are treated in the same way or directly with CERMICRYL SEL.

For diagram and other special points, see corresponding Tip sheet.

CERMICRYL SPEC
Apply a first coat of the coating on the substrate using a heavy-nap roller. Allow to dry for 3 to 4 hr (20°C). Apply the second coat in the same way. Minimum thickness ≥ 0.8 mm. Wait time before tiling: 8-12 hr (20°C).

CERMICRYL SEL (with AT75)
Apply a first coat using the V4/2 notched trowel. Press the reinforcement membrane (AT75) in the fresh product, overlapping the strips by 5 cm, following the print lines.
Immediately apply a second coat with the smoothing trowel, completely covering the reinforcement to seal completely.
Minimum thickness ≥ 1.5 mm. Wait time before tiling: 24 hr (20°C).
Protect the surface from damage by foot traffic while the surface is not protected by tiles.

TILE INSTALLATION (See the technical data sheet)

Bonded installation
Use CERMIFIX (wall earthenware), CERMIPLUS 2.0 (excluding P4/P4S), CERMIPLUS XL FLEX 2.0, CERMIPLUS XL FLEX RAPID 2.0, CERMIFLOOR N (floors) and CERMIFLOOR HPR (floors).

For sizes from 3600 to 10,000 cm², use CERMIPLUS XL FLEX 2.0, CERMIFLEX or CERMIPLUS XL FLEX RAPID 2.0.

If a zero slope is imposed (under renovation) in a common area of the P4/P4S E3 premises, the covering will be bonded and grouted with EPOSOL 2.0. In this case, observe a slope of at least 1.5% at the outflows (over 50 cm).

Mortar-bedded installation
Separate the CERMICRYL waterproofing system (SEL) using a non-woven 170 g/m² + 0.15 mm thick synthetic film and apply the mortar according to DTU 52-1.

FINISHING

Wait for the adhesive to dry completely.

Seal with a suitable grout (i-TECH JOINT range, CERMIJOINT HRC, EPOXYSTYL, etc.).

Using an elastomeric caulk from the CERMIX range, seal the wall-basin joints of showers, walls around toilets, floors and skirting boards and around any other vertical element (Use CERMITHANE on floors).

APPLICATION[1]

Make sure the area is dry and draught-free and out of direct sunlight or risk of frost.

Application temperature: 5°C to 35°C.

Drying time before tile: 12 hr for SPEC, 24 hr for SEL.

(1) Values obtained in the laboratory at 23°C and 50% RH, according to the current standard. These wait periods will be shorter at high temperatures and longer at low temperatures.

CLEANING AND MAINTENANCE

Clean tools with water before the product dries.

COMPLEMENTARY PRODUCTS

CERMIFILM, CERMIPRIM UNIVERSEL, AR12 and AR12C reinforcement strips, AA12 corner joint, AP12 blister pack of plate for piping.

COMMENTS

On floors, access to the room must be prohibited before the tiles are laid. Excluded substrates: swimming pools, basins, terraces, reservoirs and balconies (use CERMIPROOF ST waterproofing system).

TECHNICAL CHARACTERISTICS

APPEARANCE
Aqueous emulsion with a high synthetic resin content, sand-lime mineral fillers with defined particle size, specific admixtures.

COVERAGE (mini)
SPEC :1 kg/m².
SEL : 2kg/m² (reinforced).

REFERENCE DOCUMENTS
CERMIX Technical File Building Standards/Technical Specifications in force.

CONDITIONNEMENT

Kit for 12 m², 32 kits per pallet
Eco kit for 6 m², 48 kits per pallet
20 kg bucket, 32 kits per pallet
7 kg bucket, 90 kits per pallet

STORAGE & SHELF LIFE

1 year in the original packaging, protected from frost and sunlight.

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 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.