



2261 SCREED

DS-798-0121

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

2261 SCREED

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

2261 SCREED is a rapid-setting, cementitious blend with controlled shrinkage designed for quick drying traditional bonded screeds and floating screeds, suitable for use in civil, commercial, and marine applications.

Equivalent to DRYTEK 2261 S.

Uses

- For interior and exterior use
- For floating and bonded screeds
- Suitable under ceramic tile, stone, parquet, and resilient materials
- Suitable for heated screeds
- Suitable for marine, naval, or shipbuilding applications (IMO-MED certified)
- Ideal for renovations and historic retrofits with site constraints
- Ideal for use in civil and commercial applications
- For areas subject to heavy traffic

Advantages

- Premium premixed blend — no jobsite blending of powders required
- Controlled crack shrinkage
- Quick drying — can install tile or stone after approximately 24 hours
- Reduces installation times
- Safe — non-flammable
- Easy to use, pumpable

Suitable Substrates

- Concrete
- Cement Mortar
- Cement Mortar/Render
- Stainless Steel

Packaging

25 kg bag

Coverage / Consumption

18 - 19 kg/m² per 1 cm of thickness

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored off the ground in a dry area. High humidity will reduce the shelf life of bagged product.

Limitations

- Surfaces must be structurally sound, stable, and rigid enough to support the concentrated loads expected from installation.
- Provide adequate ventilation and protect areas from direct sunlight to ensure uniform drying during the initial few hours after application.
- DO NOT mix with other binders.
- DO NOT apply product in direct sunlight during the summer.
- During the winter, protect the work from freezing until completely hardened.
- DO NOT use product on damp or wet substrates.
- In industrial applications and with irregular substrates, we recommend using an electro-welded mesh and expansion joints where necessary.
- Provide adequate ventilation and protect areas from

direct sunlight to ensure uniform drying during the initial few hours after application.

- During low temperatures (<5°C), protect area after application until it is completely dry before walking on it.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not designed as replacements for waterproof membranes. When a waterproof barrier is required, use a LATICRETE® Waterproofing Membrane.

Cautions

Consult MSDS for more safety information.

- Contains cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. Wear gloves and goggles during mixing and application of the product. In case of contact, flush thoroughly with water.
- Keep out of reach of children.

4. TECHNICAL DATA



Applicable Standard

- EN 13813 CT C25 F5 A1 fl
- IMO-MED certified
- ISO 9001:2015 Quality Management System

Physical Properties

Classification EN 13813	CT C25-F5
Reaction to Fire	A1 _n
Basis:	Cement, aggregates, additives
Colour	Grey
Apparent Density:	~ 1500 kg/m ³
Maximum Grain Size:	3 mm
Density at 28 days	~ 2000 kg/m ³
Compressive Strength (24 h)	~ 10,0 N/mm ²
Compressive Strength (7 days)	~ 20,0 N/mm ²
Compressive Strength (28 days)	~ 28,0 N/mm ²
Flexural Strength (28 days)	~ 6,0 N/mm ²
Shrinkage	~ 0,6 mm/m
Dynamic modulus of elasticity (28 days)	~ 22 GPa
Thermal conductivity λ (EN 12664)	1.39 W/mK
Temperature Resistance :	-30°C to +90°C

Working Properties

Consistency:	moist earth (stiff, semi-dry consistency)
Wet Density:	~ 2000 kg/m ³
Mix Ratio:	1,8 L/bag
Application Temperature:	From +5°C to +35°C
Working Time:	45 minutes
Maximum Thickness:	8 cm
Time to Foot Traffic:	~ 10 hours
Time to Tile Install:	> 24 hours*
Time to Marble/Stone Install:	> 2 days**
Time to Install of Wood & Resilient Materials:	> 4 days***
Final Hardening:	28 days

(at 23°C / 50% relative humidity, 4-5 cm thick screed, ventilated environment)

*subject to residual moisture check <6%

**subject to residual moisture check <3%

***subject to residual moisture check <2%

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

5. INSTALLATION

Surface Preparation

All substrates must be dry and free of dirt, oil, grease, paint, concrete sealers or curing compounds. Surfaces must be between 5°C and 35°C and be structurally sound, stable, and rigid enough to support the concentrated loads expected from installation.

Bonded Screeds

2261 SCREED can be applied as a bonded or anchored screed in a minimum thickness of 2-3 cm over cement-based substrates.

- **To bond the screed to absorbent substrates**, apply a slurry bond coat using 254 PLATINUM, or 4237 LATEX ADDITIVE mixed with cement (1:1 ratio of latex and cement).
- **To bond the screed to non-absorbent substrates, such as steel**, apply a slurry bond coat using 8510 BONDING ADMIX mixed with cement (1:1 ratio of admix and cement).

Floating Screeds

2261 SCREED can be applied as a floating screed in a minimum thickness of 4 cm. Place polyethylene plastic sheeting over the substrate and overlap edges by at least 30 cm. Using duct tape, tape the overlapping sheets together; this is done to prevent moisture from the substrate passing through the screed and to avoid material leaks. The polyethylene sheets must also turn up at any vertical surface (i.e. walls, pillars, etc.) at least 10 cm. Before applying, the residual moisture content of

the substrate should be less than 3%, as polyethylene forms a vapour barrier.

Always provide for perimeter joints and joints along any vertical surface using a 4 to 8 mm thick strip of compressible material, such as polystyrene, cork, etc.

If there are pipe penetrations, the screed must include light reinforcement (i.e. fine galvanized mesh) and be at least 2 to 3 cm thick above the pipes.

If incorporating heating elements, the screed must be at least 3 cm thick above the hot water coils. In the event that installation of the screed is interrupted, it is necessary to include an electro-welded mesh or iron rod (protruding by at least 25-30 cm) in the final layer. This will help prevent cracks and unevenness in the screed.

Mixing

Mix product with approximately 8% of water (1.8 liters per 25 kg bag), using either a concrete mixer or a traditional mixing equipment (pump).

- **If using a concrete mixer**, add the desired amount of material, start the mixer, and add water. Mix for 3 to 4 minutes.
- **If using traditional mixer/pump**, add the desired amount of material to the hopper, start the mixer and slowly add required water.

Mix to a stiff, semi-dry consistency, like moist earth.

Application

The screed mortar must be used within the 45 minutes after mixing. Once level indicators are positioned, the screed mortar must be poured and spread evenly, then leveled with suitable leveling bars or squeegees. Screed placed above any pipes should be at least 3 cm thick.

- **If installing a bonded screed**, apply slurry bond coat before placing screed mortar. While the slurry bond coat is wet, spread the mortar and compact well.

Cleaning

Clean tools with water while mortar is fresh.

Installation of Tiles

Installation of the tile finish can begin approximately 24 hours after application of 2261 SCREED (at 23°C and 50% R.H.). Provide for expansion joints in compliance with UNI 11493-1: 2016.

Installation of Wood, Resilient, or Similar Materials

Installation of other finishes should only begin after measuring residual moisture content using a calcium carbide hygrometer (<2% after about 7 days).

6. AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE EUROPE S.r.l.:

+39 059 535540

info@laticreteurope.com

For on-line distributor information, visit www.laticrete.eu.

Cost

Contact LATICRETE EUROPE S.r.l to obtain complete information and cost.

7. WARRANTY

The supplier warrants that the product will not deteriorate under normal conditions and use. The warranty validity of one (1) year. Contact Technical Services for further information. See 10. FILING SYSTEM:

- DS230.13EU: 1 Year Product Warranty (EN)

8. MAINTENANCE

LATICRETE® and LATAPOXY® are products of high quality designed to achieve lasting installations and avoid maintenance, however performance and durability may depend on properly maintaining products, depending of the cleaning products used.

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling or emailing the Technical Service Hotline:

+39 059 535540

technicalservices@laticreteurope.com

Technical and Safety Literature

To obtain technical and safety literature, please visit our website at www.laticrete.eu.

Warning

The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® is unable to directly control the installation methods and conditions of products and does not assume any liability arising from their implementation. Those who want to use LATICRETE® products should conduct adequate tests to determine the site specifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.

LATICRETE® products are covered by a warranty within the limits of what is established by our general conditions of sale and within the limits of correspondence related to technical specifications and applicable certifications, as

expressly indicated in the product data sheets, documentation, or applicable technical documentation.

10. FILING SYSTEM

Additional product information is available on our website at laticrete.eu. The following is a list of related documents:

- DS 230.13EU: 1 Year Product Warranty