



Systems for
waterproofing and laying
ceramic tiles or mosaics
in swimming pools

LITOKOL[®]



**Specialists worldwide
choose Litokol
to create swimming
pools in mosaics
and ceramics.**

Litokol puts all its experience
at your disposal with customised
tests and research for the most
suitable solutions based
on a variety of materials.

System for
waterproofing
and laying ceramic tiles
or mosaics in swimming pools

with two-component waterproofing
membranes

swimming pools



Products

- 1 - REINFORCED CONCRETE STRUCTURE
- 2 - LITOPLAN SMART
- 3 - IDROKOL X20 ADHESIVE CEMENT SLURRY (applied with a brush and consisting of 3 parts of Portland cement + 1 part water + 1 part IDROKOL X20 in equal quantities)
- 4 - LITOCEM or LITOCEM PRONTO SCREED
- 5 - COVERFLEX/ELASTOCEM
- 6 - FIBREGLASS MESH
- 7 - LITOBAND SK internal corner (IC)
- 8 - LITOBAND SK Tape
- 9 - LITOPLUS K55/LITOELASTIC EVO
- 10 - CERAMIC TILES
- 11 - GLASS MOSAIC
- 12 - STARLIKE® EVO, EPOXYÉLITE EVO or LITOCROM 1-6 (grouting joints)
- 13 - OTTOPRIMER 1218 + OTTOSEAL S70



System for
waterproofing
and laying ceramic tiles
or mosaics in swimming pools

swimming pools

with single-component waterproofing
membranes

9

10

9

8

7

6

5

4

3

1

Products



- 1 - REINFORCED CONCRETE STRUCTURE
- 2 - LITOPLAN SMART
- 3 - IDROKOL X20 ADHESIVE CEMENT SLURRY (applied with a brush and consisting of 3 parts of Portland cement + 1 part water + 1 part IDROKOL X20 in equal quantities)
- 4 - LITOCEM or LITOCEM PRONTO SCREED
- 5 - AQUAMASTER (first coat diluted with 10% water)
- 6 - AQUAMASTER (second coat)
- 7 - AQUAMASTER (third coat)
- 8 - LITOPLUS K55/LITOElastic EVO
- 9 - STARLIKE® EVO, EPOXYÉLITE EVO or LITOCROM 1-6 (grouting joints)
- 10 - OTTOPRIMER 1218 + OTTOSEAL S70

Litocem

Normal setting and fast drying special hydraulic binder for screeds indoors and outdoors.

TECHNICAL FEATURES

- Colour:** Grey

Mixing ratios:

Litocem 20 kg (1 bag)

Fine gravel 0/8 mm = 170-210 kg

Water = 0-13 litres (depending on the humidity of the aggregates)

Mixing time: 5-10 minutes

Mix consistency: Wet earth

Mixture life: Approx. 1 hour

Application temperatures allowed: From +5°C to +35°C

Set to light foot traffic: 12 hours
- Ready for use:** 7 days

Perform cementitious levelling: After 5-7 days

Waiting time for laying floors:

Ceramic tiles: 24 hours

Natural stone: 3 days

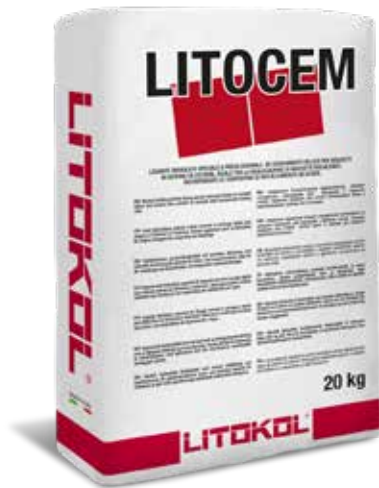
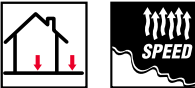
Parquet, PVC, linoleum, carpet: 2 weeks

Consumption: 2-2.5 kg/m² for every cm of thickness

Storage:

12 months in original packaging in a dry place.

Packaging: 20 kg bags



Litocem Pronto

Premixed ready-for-use normal-setting fast-drying controlled shrinkage mortar for indoor and outdoor screeds. Product with ultra-low volatile organic compound (VOC) emissions.

TECHNICAL FEATURES

- Colour:** Grey

Mix ratio:

Water = 1.6 litres of water per 25 kg bag

Mixing time: 5 - 10 minutes

Mix consistency: Wet earth

Apparent volumetric mass of the mixture: 2,100 kg/m³

Mixture life: 60 minutes

Application temperatures allowed: From +5°C to +35°C

Set to light foot traffic: After 12 hours

Applicable thicknesses:

Adhering screeds: from 20 to 40 mm

Floating or unbonded screeds: 40 to 80 mm

Maximum thickness: ≤ 80 mm
- Laying of tiles:**

Ceramic: 24 hours

Natural stone and resin agglomerates: 2 days

Timber and resilient: 4 days

Cleaning: The equipment must be cleaned from product residue with water before the product hardens.

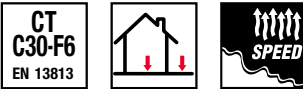
Adhesive cement slurry consumption: 0.5 - 0.8 kg/m² depending on the substrate surface

Litocem Pronto consumption: 18 - 20 kg/m² per cm of thickness depending on the degree of compaction

Storage:

12 months in original packaging in a dry place.

Packaging: 25 kg bags



Litoplan Smart

Cementitious thixotropic levelling layer featuring rapid hardening and drying for vertical and horizontal applications indoors and outdoors in a range of thicknesses from 1 to 25 mm. Product with ultra-low volatile organic compound (VOC) emissions.

TECHNICAL FEATURES

- Colour:** Grey

Mixing ratios:

Water = 4-4.8 litres of water per 20 kg bag.

Mix curing time: 5 minutes

Mix consistency: Thixotropic -Plastic

Mixture life:

About 60 minutes at a temperature of +23°C

Application temperatures allowed: From +5°C to +35°C

Applicable thicknesses: From 1 to 25 mm per coat

Consumption: 1.6 kg/m² per every mm of thickness
- Set to light foot traffic:** About 3 hours at a temperature of +23°C

Waiting time for bonding:

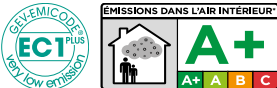
Ceramic tiles and natural stone: 4-6 hours

Parquet, textiles and resilient floor materials: 24 hours

Storage:

12 months in original packaging in a dry place.

Packaging: 20 kg bags



Litoplus K55

Superwhite cementitious adhesive, enhanced performance, with no vertical slip and extended open time for the laying of ceramic tiles and mosaics indoors and outdoors on floors and walls. Suitable for swimming pools, overlaying and heated floors. Product with ultra-low volatile organic compound (VOC) emissions.

TECHNICAL FEATURES

- Colour:** White

Mix ratio:

Water = 7 litres of water per 20 kg bag

Mix curing time: 5 minutes

Mix consistency: Creamy thixotropic mortar

Mixture life: Approx. 8 hours

Application: Notched trowel

Maximum application thickness: 5 mm

Application temperatures allowed: From +5°C to +35°C

Waiting time for grouting:

Walls: 6 - 8 hours - Floor: 24 hours

Set to light foot traffic: 24 hours

Ready for use: 7 days
- Temperature of use:** From -30°C to +80°C

How to clean equipment:

With water when product is fresh.

Mechanically when product has hardened.

Consumption:

3.5 mm trowel: 1.8 kg/m²

6 mm trowel: 2.5 kg/m²

8 mm trowel: 3 kg/m²

10 mm trowel: 4 kg/m²

Back-buttering: 5 kg/m²

Storage:

12 months in original packaging in a dry place.

Packaging: 20 kg bags



Litoelastic EVO

High-performance, white, two-component reactive adhesive for laying floors and walls indoors and outdoors of any type of ceramic tile, including reinforced thin slabs, mosaics, natural and reconstituted stone even on non-traditional substrates, such as wood, metal and fibreglass. Suitable for installations over existing tiles, on heated floors and in pools. Product with ultra-low volatile organic compound (VOC) emissions.

TECHNICAL FEATURES

- Colour:** Component A: white

Component B: straw-coloured transparent

Mix ratio: Part A 92.6 parts by weight

Part B 7.4 parts by weight

Mixture life: About 1 hour at T=+23°C

Application temperatures allowed: From +10°C to +30°C

Bonding time: Approx. 1 hour

Cleaning of equipment and residues: With water and Scotch-Brite™ pad on wet product. Once hardened, mechanical cleaning only

Consumption:

Mosaics and small formats:
- 2 mm trowel: 1.1 kg/m² - 3.5 mm trowel: 1.8 kg/m²

Normal formats with sides ≤ 60 cm:

8 mm trowel: 3 kg/m² - 10 mm trowel: 3.5 kg/m²

Large formats with sides > 60 cm:

Back-buttering 5 kg/m²

Set to light foot traffic: Approx. 24 hours at T=+23°C

Ready for use: 7 days

Waiting time for grouting: Approx. 24 hours

Storage:

24 months in original packaging. Keep away from frost

Packaging: 5-10 kg buckets.



Litoelastic EVO FR

High-performance, two-component, flexible reactive adhesive for laying floors and walls indoors and outdoors of any type of ceramic tiles, including reinforced thin slabs, mosaics, natural and reconstituted stone even on non-traditional substrates such as wood, metal and fibreglass. Suitable for installations over existing tiles, on heated floors and in pools. Low flame-spread product compliant with Directive 2014/90/EU (MED) pursuant to IMO 2010 FTP Code for use on ships. Product with ultra-low volatile organic compound (VOC) emissions.

- Colour:** Component A: white

Component B: straw-coloured transparent

Mix ratio: Part A 92.6 parts by weight

Part B 7.4 parts by weight

Mixture life: About 1 hour at T=+23°C

Application temperatures allowed: From +10°C to +30°C

Bonding time: Approx. 1 hour

Cleaning of equipment and residues: With water and Scotch-Brite™ pad on wet product. Once hardened, only mechanical cleaning.

Consumption: 2 mm trowel: 1.1 kg/m²
- 3.5 mm trowel: 1.8 kg/m²

8 mm trowel: 3 kg/m²

10 mm trowel: 3.5 kg/m²

Set to light foot traffic: Approx. 24 hours at T=+23°C

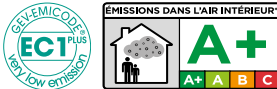
Ready for use: 7 days

Waiting time for grouting: Approx. 24 hours

Storage:

24 months in original packaging. Keep away from frost

Packaging: 5 kg buckets.



Starlike® EVO

Two-component acid-resistant epoxy grout for the laying and grouting of ceramic tiles and mosaic with joints between 1 and 15 mm width. Extremely easy to apply and clean. Suitable for direct contact with food substances. Product with ultra-low volatile organic compound (VOC) emissions. Patent Pending.

TECHNICAL FEATURES

Waiting time for grouting:
Floor application:
- with normal-setting adhesive: 24 hours
- with fast-setting adhesive: 6 hours
- with mortar: 7-10 days
Wall application:
- with normal-setting adhesive: 6-8 hours
- with fast-setting adhesive: 6 hours
- with mortar: 2-3 days
Mixing ratios:
Component A: 93.7 parts by weight
Component B: 6.3 parts by weight
The two components are pre-measured in their respective packaging

Mix consistency: thixotropic creamy grout
Specific weight of mix: 1.55 kg/l
Mixture life: About 1 hour at T = +23°C
Application temperatures allowed: From +12°C to +30°C
Recommended application temperature: From +18°C to +23°C
Set to light foot traffic: 24 hours at T = +23°C
Ready for use: 5 days at T = +23°C
Joint width: From 1 to 15 mm
Storage:
24 months in original packaging, avoid freezing temperatures.
Packaging: 1-2.5-5 kg bucket



Class COLDCOLLECTION	Class WARMCOLLECTION	Glam COLLECTION	Metallic COLLECTION
100 Bianco Assoluto	200 Avorio	300 Azzurro Pastello	500 Rosa Cipria
102 Bianco Ghiaccio	202 Naturale	310 Azzurro Polvere	530 Viola Ametista
105 Bianco Titanio	205 Travertino	320 Azzurro Caraibi	550 Rosso Oriente
110 Grigio Perla	208 Sabbia	330 Blu Avio	580 Rosso Mattone
115 Grigio Seta	210 Greige	340 Blu Denim	600 Giallo Vaniglia
120 Grigio Piombo	215 Tortora	350 Blu Zaffiro	
125 Grigio Cemento	225 Tabacco	400 Verde Salvia	
130 Grigio Ardesia	230 Cacao	410 Verde Smeraldo	
140 Nero Grafite	232 Cuoio	420 Verde Prato	
145 Nero Carbonio	235 Caffè	430 Verde Pino	

Starlike® Crystal EVO

Two-component, translucent epoxy grout for grouting transparent glass or artistic mosaics with joints up to 3 mm. Product with ultra-low volatile organic compound (VOC) emissions.

TECHNICAL FEATURES

Colour: 700 Crystal
Mix ratio:
Component A: 93.7 parts by weight
Component B: 6.3 parts by weight
The two components are pre-measured in their respective packaging
Mix consistency: creamy grout
Specific weight of mix: 1.55 kg/l
Mixture life: About 1 hour at T=+23°C

Temperatures for application:
Allowed: from +12°C to +30°C - Recommended: from +18°C to +23°C
Set to light foot traffic: 24 hours at T=+23°C
Ready for use: 5 days at T=+23°C
Joint width: Up to 3 mm
Storage:
24 months in original packaging, avoid freezing temperatures.
Packaging: 1-2.5-5 kg buckets



Starlike® ColorCrystal EVO

Two-component, translucent, acid-resistant epoxy grout for grouting any type of glass mosaic with joints up to 3 mm width. Product with ultra-low volatile organic compound (VOC) emissions.

TECHNICAL FEATURES

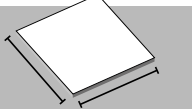
Mix ratio:
Component A: 93.7 parts by weight
Component B: 6.3 parts by weight
The two components are pre-measured in their respective packaging
Mix consistency: creamy grout
Specific weight of mix: 1.55 kg/l
Mixture life: About 1 hour at T=+23°C
Temperatures for application:
Allowed: from +12°C to +30°C - Recommended: from +18°C to +23°C

Set to light foot traffic: 24 hours at T=+23°C
Ready for use: 5 days at T=+23°C
Joint width: Up to 3 mm
Storage:
24 months in original packaging, avoid freezing temperatures.
Packaging: 2.5 kg buckets

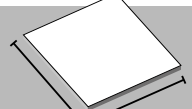



➤ STARLIKE® EVO - Consumption as adhesive 1.6 kg/m² (3.5x3.5 mm notched trowel)

➤ STARLIKE® EVO - Consumption as grout

		kg / m²	mm						
			1.5	2	3	4	5	7	10
mm	10x10x4		1.40	1.86					
mm	10x10x10		4.65	6.20					
mm	15x15x4		0.8	1.7					
mm	15x15x10		2.1	4.1					
mm	15x30x8		1.2	2.5					
mm	20x20x3		0.70	0.93	1.40	1.86	2.33	3.26	4.65
mm	23x23x8		1.1	2.2	3.2	4.3	5.4	7.5	10.8
mm	25x25x10		1.2	2.5	3.7	5	6.2	8.7	12.4
mm	50x50x4	kg / m²	0.2	0.5	0.7	1	1.2	1.7	2.5
mm	50x50x10		0.6	1.2	1.9	2.5	3.1	4.3	6.2
mm	100x100x8		0.37	0.50	0.74	0.99	1.24	1.74	2.48
mm	125x240x12		0.34	0.45	0.68	0.91	1.13	1.58	2.26
mm	150x150x6		0.18	0.24	0.36	0.48	0.61	0.85	1.21
mm	150x150x8		0.25	0.33	0.50	0.66	0.83	1.16	1.65
mm	200x200x8		0.19	0.25	0.37	0.50	0.62	0.87	1.24
mm	250x330x8		0.13	0.17	0.26	0.35	0.44	0.61	0.87
mm	300x300x8		0.12	0.17	0.25	0.33	0.41	0.58	0.82
mm	300x600x10		0.12	0.16	0.23	0.31	0.39	0.54	0.78
mm	400x400x10	kg / m²	0.12	0.16	0.23	0.31	0.39	0.54	0.78
mm	450x450x10		0.10	0.14	0.21	0.27	0.34	0.48	0.68
mm	600x600x10		0.08	0.10	0.15	0.20	0.26	0.36	0.51

➤ STARLIKE® CRYSTAL EVO / STARLIKE® COLORCRYSTAL EVO - Consumption as grout

		kg/m²	(mm)		
			1	2	3
mm	10x10x4		1.4		
mm	15x15x4			1.2	
mm	15x15x6			1.8	
mm	15x15x8			2.4	3.5
mm	15x15x10			2.7	
mm	20x20x4			1	
mm	20x20x8			2	3
mm	23x23x4			0.85	
mm	23x23x6	kg/m²		1.3	
mm	23x23x8			1.7	
Mosaici artistici Artistic mosaics Mosaïques artistiques Künstlerische Mosaiken Mosaicos artísticos			4 mm	kg/m²	0.9
			6 mm		1.35
			8 mm		1.8
			10 mm		2.25

EpoxyÉlite EVO

Two-component acid-resistant epoxy grout for the laying and grouting of ceramic tiles and mosaics with 1- to 15-mm wide joints, on indoor and outdoor floors and walls. Product with ultra-low volatile organic compound (VOC) emissions.

TECHNICAL FEATURES

Waiting time for grouting:

Floor installation with standard setting adhesive: 24 hours
Floor installation with quick setting adhesive: 6 hours
Cladding installation with standard setting adhesive: 6-8 hours
Cladding installation with quick setting adhesive: 4 hours

Mixing ratios:

Component A: 93.7 parts by weight
Component B: 6.3 parts by weight
The two components are pre-measured in their respective packaging

Mix consistency: thixotropic creamy grout

Specific weight of mix: 1.6 kg/l

Mixture life: About 1 hour at T=+23°C

Application temperatures allowed: From +10°C to +30°C

Recommended application temperature: From +18°C to +23°C

Set to light foot traffic: 24 hours at T=+23°C









Ready for use: 5 days at T=+23°C

Joint width: From 1 to 15 mm

Storage:

24 months in original packaging. Keep away from frost.

Packaging: 5-10 kg buckets (A + B)

			
100 Bianco Assoluto	110 Grigio Perla	125 Grigio Cemento	140 Nero Grafite
			
205 Travertino	210 Greige	225 Tabacco	230 Cacao



EpoxyÉlite EVO FR

Two-component acid-resistant epoxy grout for the laying and grouting of ceramic tiles and mosaics with 1- to 15-mm wide joints, on indoor and outdoor floors and walls. Low flame-spread product compliant with Directive 2014/90/EU (MED) pursuant to IMO 2010 FTP Code for use on ships. Product with ultra-low volatile organic compound (VOC) emissions.

TECHNICAL FEATURES

Waiting time for grouting:

Floor installation with standard setting adhesive: 24 hours
Floor installation with quick setting adhesive: 6 hours
Cladding installation with standard setting adhesive: 6-8 hours
Cladding installation with quick setting adhesive: 4 hours

Mixing ratios:

Component A: 93.7 parts by weight
Component B: 6.3 parts by weight
The two components are pre-measured in their respective packaging

Mix consistency: thixotropic creamy grout

Specific weight of mix: 1.6 kg/l

Mixture life: About 1 hour at T=+23°C

Application temperatures allowed: From +10°C to +30°C

Recommended application temperature: From +18°C to +23°C

Set to light foot traffic: 24 hours at T=+23°C

Ready for use: 5 days at T=+23°C

Joint width: From 1 to 15 mm

Storage:

24 months in original packaging. Keep away from frost.

Packaging: 5 kg buckets (A + B)



COLOURS

	
100 Bianco Assoluto	110 Grigio Perla



Litochrom 1-6

High performance cementitious grout for the grouting of joints from 1 to 6 mm wide between ceramic tiles, mosaics and natural stone. High resistance to abrasion and low water absorption. Product with ultra-low volatile organic compound (VOC) emissions.

TECHNICAL FEATURES

Waiting time for grouting:
Floor installation with standard setting adhesive: 24 hours
Floor installation with quick setting adhesive: 6 hours
Floor application with mortar: 7-10 days
Cladding installation with standard setting adhesive: 6-8 hours
Cladding installation with quick setting adhesive: 4 hours
Wall application with mortar: 2-3 days

Mixing ratios:
Water or Idrostuk = 28%
(1.4 litres for 1 x 5 kg bag)
(7 litres for 1 x 25 kg bag)

Mix curing time: 5 minutes

Mix consistency: thixotropic creamy grout

Specific weight of mix: 1.94 kg/l

Mixture life: Approx. 40 minutes

Application temperatures allowed: From +5°C to +35°C

Waiting time for cleaning: From 5 to 20 minutes depending on absorption and temperature

Set to light foot traffic: 24 hours

Ready for use: 7 days

Joint width: from 1 to 6 mm.

Consumption:
Mosaics 1x1x0.4 - 2-mm joints: 2.39 kg/m²
Tiles 5x5x0.4cm. - 2-mm joints: 0.48 kg/m²
Tiles 10x10x0.6cm. - 1-2-4-mm joints: 0.18-0.36-0.72 kg/m²
Tiles 15x15x0.6cm. - 1-2-4-mm joints: 0.12-0.24-0.48 kg/m²
Tiles 15x20x0.6cm. - 2-3-4-mm joints: 0.21-0.31-0.42 kg/m²
Tiles 25x25x1.2cm. - 2-3-4-mm joints: 0.29-0.43-0.57 kg/m²
Tiles 25x33x0.8cm. - 3-4-6-mm joints: 0.25-0.34-0.5 kg/m²
Tiles 33x33x1cm. - 3-4-6-mm joints: 0.27-0.36-0.54 kg/m²
Tiles 30x45x1cm. - 4-6-mm joints: 0.33-0.5 kg/m²
Tiles 45x45x1.2cm. - 4-6-mm joints: 0.32-0.48 kg/m²

Storage:
Colours Grey and Anthracite: 12 months (Dir.2003/53/EC-Italian Min. Dec. 10.05.04).
Other colours: 24 months in original packaging in a dry place.

Packaging:
5 kg plastic bags (boxes of 5 pcs)
25 kg bag



COLOURS

C.00 Bianco	C.20 Grigio Chiaro	C.30 Grigio Perla	C.700 Grigio Medio	C.10 Grigio	C.40 Antracite	C.160 Azzurro Cielo	C.170 Crocus	C.140 Rosa	C.150 Menta
C.50 Jasmine	C.60 Bahama Beige	C.680 Nocciola	C.80 Caramel	C.710 Mogano	C.200 Wengè	C.90 Terracotta	C.120 Marrone Chiaro	C.130 Sabbia	C.690 Off White



Ottoseal S70

Single-component, neutral cross-linking silicone sealant.

TECHNICAL FEATURES

Working temperature: from +5°C to +35°C.
Filming time at +23°C: about 5 minutes.
Hardening in 24 hours at T=+23°C: 3 mm.
Overall distortion allowed: 20%.
Heat resistance: from -40°C to +180°C.
Density at T=+23°C: about 1.0 g/cm³.
Indication of consumption: Dilatation joint about 5x5 mm ■ 12 linear metres per tube.
Corner joint 5x5 mm ▲ about 25 linear metres per tube.
Storage: 15 months in original packaging in cool, dry place.
Packaging: tube 310 ml



OTTOSEAL S70

C00	C137	C6112	C34
C01	C67	C6117	C32
C38	C04	C6115	C41
C787	C08	C1282	C109
C230	C84	C6111	C110
C80	C1110	C6113	C111
C1108	C82	C6116	C44
C71	C10	C1300	C47
C45	C26	C6114	C1390
C43	C05		C1391
C18	C37		C4720
C56	C990		
C1109	C197		

Otto Primer 1218

Solvent-based, single-component synthetic resin solution based on the silicone-acrylic copolymer in solvents.

TECHNICAL FEATURES

Consumption: about 80-200 g/m² depending on absorption.
Density at T=+23°C: about 0.95 g/cm³.
Storage: 12 months in original packaging in a well-ventilated and dry environment.
Packaging: bottle 100 ml



Litonet EVO

Liquid detergents for the removal of epoxy grout stains and residue from all types of ceramic tiles, mosaics and natural stone

TECHNICAL FEATURES

- Colour:** Colourless
- Application temperatures allowed:** From +5°C to +35°C
- Surface treatment time:** Approx. 5 - 10 minutes
- Consumption:** 10 - 15 m²/l
- Storage:** 24 months in original packaging away from sources of heat and direct sunlight. Keep away from frost.
- Packaging:** 1 litre bottles - 12 pc boxes and 5 litre canisters



Litonet Gel EVO

Liquid detergents for the removal of epoxy grout stains and residue from all types of ceramic tiles, mosaics and natural stone. Specifically for wall applications.

TECHNICAL FEATURES

- Colour:** Colourless
- Application temperatures allowed:** From +5°C to +35°C
- Surface treatment time:** Approx. 5 - 10 minutes
- Consumption:** 10 - 15 m²/l
- Storage:** 24 months in original packaging away from sources of heat and direct sunlight. Keep away from frost.
- Packaging:** 0.750 litre spray bottles in boxes of 12



Litogrip Floor

Non-slip treatment for porcelain stoneware, granite, quartz and ceramic mosaic

- A water-based non-slip treatment for silica-based materials.
- It reacts with the surface, creating micro escape routes for the water, facilitating drainage and increasing surface friction.

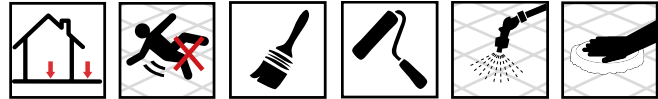
Fields of application

Suitable for interior and exterior use on all **silica-based materials such as stoneware, ceramics, granite, quartz, ceramic mosaics, etc.**

- Surface treatment time: From 15 to about 60 minutes
- Consumption:15-20 m²/l

TECHNICAL FEATURES

- Colour:** Amber
- Application temperatures allowed:** From +5°C to +35°C
- Surface treatment time:** About 15 to 60 minutes
- Consumption:** 15 -20 m²/l
- Storage:** 24 months in original packaging in a well-ventilated and dry environment.
- Packaging:** 1 litre plastic bottles



Classification of waterproofing products according to the EN 14891 standard

Classification of liquid-applied waterproofing products to use beneath ceramic tiling bonded with adhesives according to the Standard UNI EN 14891.

Liquid-applied waterproofing products are classified into three types:

- CM** normal cementitious liquid-applied waterproofing products
- DM** normal dispersion liquid-applied waterproofing products
- RM** normal reactive liquid-applied waterproofing products

It is possible to have multiple classes for each type, related to the various optional features, such classes are designated by the following abbreviations:

- 01** with improved crack-bridging ability at low temperatures (-5°C);
- 02** with improved crack-bridging ability at very low temperatures (-20°C);
- P** resistant to contact with chlorinated water (for example for use in swimming pools).

The product is designated with the symbol of the type (CM, DM or RM), followed by of the class or classes to which it belongs.



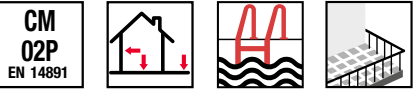
Coverflex

Two-component cementitious mortar with the option for roller, brush or spatula application, elastic up to -20°C and chlorine resistant, for the under tile waterproofing of wet indoor and outdoor environments such as bathrooms, balconies, terraces and pools. Compliant with class CM02P pursuant to EN 14891.

TECHNICAL FEATURES

Colour of the mix: Light grey
Mixing ratios:
Component A (powder): 2 parts (1 x 20 kg bag)
Component B (liquid): 1 part (1 x 10 kg canister)
Mix curing time: 5 minutes
Mix consistency: smooth fluid grout
Mixture life: Approx. 1 hour
Application temperatures allowed: From +5°C to +35°C
Thickness: Not less than 2 mm in two subsequent coats
Maximum application thickness: 2 mm per coat
Application: Roller, brush or smooth steel trowel

Cleaning:
The equipment and the surface of ceramic tiles must be cleaned from product residue with water before the product hardens.
Consumption: 1.6 kg/m² per 1 mm of thickness
Waiting time between 1st and 2nd layer:
Approx. 3-4 hours at T=+23°C
Waiting time for laying ceramic tiles:
5 days. 24 hours in good weather
Storage:
12 months in original packaging in a dry place at temperatures not below +5°C. Component B (liquid) should be subjected to freezing temperatures.
Packaging: 20 kg bag + 10 kg tank



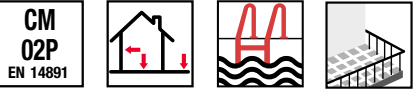
Elastocem

Two-component cementitious mortar applied with a trowel, elastic up to -20°C and chlorine resistant, for the under-tile waterproofing of wet indoor and outdoor environments such as bathrooms, balconies, terraces and pools. Compliant with class CM02P pursuant to EN 14891.

TECHNICAL FEATURES

Colour of the mix: Dark grey
Mixing ratios:
Component A (powder): 3 parts (1 x 24 kg bag)
Component B (liquid): 1 part (1 x 8 kg canister)
Mix curing time: 5 minutes
Mix consistency: fluid grout
Mixture life: Approx. 1 hour
Application temperatures allowed: From +5°C to +35°C
Thickness: Not less than 2 mm in two subsequent coats
Maximum application thickness: 2 mm per coat
Application: Smooth steel trowel

Cleaning:
The equipment and the surface of ceramic tiles must be cleaned from product residue with water before the product hardens.
Consumption: 1.7 kg/m² per 1 mm of thickness
Waiting time between 1st and 2nd layer:
Approx. 3-4 hours at T=+23°C
Waiting time for laying ceramic tiles:
5 days. 24 hours in good weather
Storage:
12 months in original packaging in a dry place at temperatures not below +5°C. Component B (liquid) should be subjected to freezing temperatures.
Packaging: 24 kg bag + 8 kg tank



Osmogrout

Cementitious mortar with osmotic action for waterproofing, with direct or indirect load on walls and cement-based structures indoors and outdoors.

TECHNICAL FEATURES

Colour: Grey
Mixing ratios:
Water = 26% (6.5 litres of water per 25 kg bag)
Mix curing time: 5 minutes
Mix consistency:
Fluid grout for trowel/brush application
Apparent volumetric mass of the wet grout:
1800 kg/m³
Mixture life: Approx. 1 hour
Application temperatures allowed: From +5°C to +35°C
Applicable thicknesses:
Minimum = 1.5 mm - Maximum per coat = 2 mm

Maximum in two coats = 4 mm
Application: Smooth steel trowel, brush.
Waiting time for application of second coat:
After 5-6 hours and not beyond 24 hours
Ready for use: 7 days
Temperature of use: From -30°C to +70°C
How to clean equipment:
With water when product is fresh. Mechanically when product has hardened.
Consumption: 1.6 kg/m² per 1 mm of thickness
Storage:
12 months in original packaging in a dry place.
Packaging: 25 kg bag



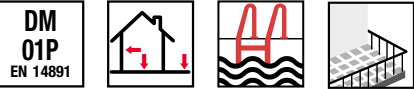
Aquamaster

Ready-to-use liquid membrane with the option for roller, brush or spatula application, elastic up to -5°C and chlorine resistant, for the under tile waterproofing of wet indoor and outdoor environments such as bathrooms, balconies, terraces and pools, compliant with standard ETAG 022 and class DM01P pursuant to EN 14891.

TECHNICAL FEATURES

Colour: Grey
Application temperatures allowed: From +5°C to +35°C
Total thickness to be applied in two/three successive coats: 0.8 - 1 mm
Drying time at T=+23°C:
1st coat: (diluted 10% with water): 30 minutes
Successive coats: 4 hours between coats
Application: Roller, brush or smooth steel trowel
Cleaning:
The equipment must be cleaned from product residue

with water before the product hardens. Once dried, only mechanically.
Waiting time for laying ceramic tiles:
At least 24 hours from applying the final coat.
Storage:
24 months in original packaging stored in a cool, dry place.
Keep away from frost.
Packaging:
10 kg buckets - Standard pallet 640 kg.
20 kg buckets - Standard pallet 600 kg.



Litoband Sk Tape

Polypropylene fabric sealing with thermoplastic elastomer waterproof lining.

TECHNICAL FEATURES

Colour: Grey
Height: 120 mm.
Total thickness: 0.7 mm.
Weight: 43 g/m
Roll length: 10 - 50 m.
Resistance to water pressure:
>1.5 bar (DIN EN 1928-version B)
Longitudinal elongation at break: 70% (DIN 527-3)
Lateral elongation at break: 335% (DIN 527-3)
Packaging: 1 roll per box



Litoband Sk Corners IC - Corners EC

Inner corner - external corner

TECHNICAL FEATURES

Colour: Grey
Height: 120 mm.
Butyl height: 70 mm.
Total thickness: 0.7 mm.
Resistance to water pressure:
>1.5 bar (DIN EN 1928-version B)

Longitudinal elongation at break: 73% (DIN 527-3)
Lateral elongation at break: 242% (DIN 527-3)
Packaging: 25 pieces per box



Litoband Sk Pipe Collar

Sk 8 - Pipe collar 120 x 120 mm - ø 8 mm. For pipes with ø 15-20 mm.
Sk 35 - Pipe collar 250 x 250 mm - ø 35 mm. For pipes with ø 45-60 mm.
Sk 65 - Pipe collar 250 x 250 mm - ø 65 mm. For pipes with ø 75-125 mm

TECHNICAL FEATURES

Colour: White
Total dimensions: Sk 8 - 120x120 mm.
Sk 35/Sk 65 - 250x250 mm.
Diameter flexible area: Sk 8 - 25 mm.
Sk 35 - 65 mm. Sk 65 - 130 mm.
Hole diameter: Sk 8 - 8 mm.
Sk 35 - 35 mm. Sk 65 - 65 mm.
For pipes with diameter: Sk 8 - 15-20 mm.
Sk 35 - 45-60 mm. Sk 65 - 75-125 mm.
Total thickness: 0.60 mm.

Water pressure resistance:
>1.5 bar (DIN EN 1928-version B)
Elongation at break (fabric): 100% (DIN 527-3)
Elongation at break (flexible area): 600% (DIN 527-3)
Packaging: 25 pieces per box



Litoband Sk Self-Adhesive Drain Collar

Self-adhesive gasket in butyl rubber for drains (370 x 370 mm)

TECHNICAL FEATURES

Colour: Grey
Sizes: 370x370 mm.
Total thickness:
1.3 mm (without adhesive film protection)
Weight: 217 g

Roll length: 10 - 50 m.
Packaging: 10 pieces per box



Fibreglass mesh

Anti-alkaline fibreglass mesh for reinforcement.

TECHNICAL FEATURES

Colour: White
Mesh dimensions: 4x5 mm.
Roll dimensions: Length = 50 m – Height = 1 m

Alkaline resistance: excellent
Storage: Unlimited
Packaging: Rolls of 50 m²
Standard pallet 3000 m²



Projects









LITOKOL®
HI-PERFORMANCE BUILDING PRODUCTS

Litokol spa
via Giovanni Falcone 13/1
42048 Rubiera (RE)
Tel +39 0522 622811
Fax +39 0522 620150
info@litokol.it
www.litokol.it

