

MONOFLEX

The S class among tile adhesives

The flexible MONOFLEX S1 tile adhesive offers security for all demands with the highest quality standards.

Problems Solved.



Tile adhesive

Flexible tile adhesive: **Security for all demands and a reliable installation.**

The choice of tile adhesive for bonding various ceramic and natural stone tiles depends on the condition of the substrate and the type of tile. In order to prevent damage due to de-bonding from the substrate, stresses must be compensated for and absorbed by the tile adhesive.

MONOFLEX S1 tile adhesive offers security for all demands with the highest quality standards. Whether for everyday requirements, for large format tiles or where there are demanding and time constrained challenges, we have a save solution for all eventualities.

CLASSIFICATION OF TILE ADHESIVES TO DIN EN 12004 – DEFINITIONS

- C = cement-based adhesive
- 1 = Adhesive for normal conditions
- 2 = Adhesive with improved properties
- F = Fast setting adhesive
- T = Adhesive with reduced slip (Thixotropic)
- E = Adhesive with extended open time
- S1 = deformable thin-bed adhesive,
S1 deformation $2.5 \text{ mm} < t < 5 \text{ mm}$

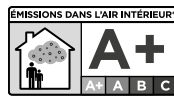


MONOFLEX

The First-Timer.

Flexible tile adhesive S1

The solid All-Rounder offers good performance and impresses with its good application properties.



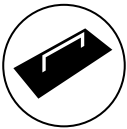
Properties

- Productive.
- For large format tiles.
- High slump resistance with good application properties.
- For underfloor heating.
- Interior and exterior.
- Wall and floor.
- Normal hardening.
- Tested to DIN EN 12004, C2 TE S1.
- Fulfills the requirements of the AgBB scheme.

Technical data

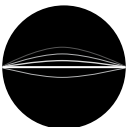
Basis	Sand, cement, additives (polymer modified)
Application/substrate temperature	+5 °C to +25 °C
Pot life*	approx. 2 hours
Ready for foot traffic*	after approx. 12 hours
Ready to grout*	after approx. 12 hours
Packaging	25 kg polythene bag

* at +23 °C and 50% relative humidity



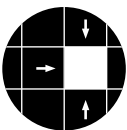
Smooth to apply

High comfort level



Highly polymer modified

Very flexible



High slump resistance

For the non-slip installation of tiles

Material coverage

Consumption	approx. 1.8 kg/m ² with a 6 mm notched trowel
	approx. 2.3 kg/m ² with an 8 mm notched trowel
	approx. 2.8 kg/m ² with a 10 mm notched trowel



MONOFLEX-XL

The one with the high yield.

Flexible, high yield S1 tile adhesive

Unites the „more“ in coverage per unit area and excellent application properties.



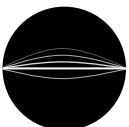
Properties

- High yield.
- For large format tiles.
- High slump resistance with good application properties.
- Very low emissions.
- For underfloor heating.
- Interior and exterior.
- Wall and floor.
- Normal hardening.
- Fulfills the requirement criteria of the “Flexible adhesive” data sheet.
- Tested to DIN EN 12004, C2 TE S1.



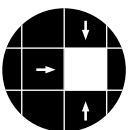
High yield

Up to 35% less consumption



Highly polymer modified

Very flexible



High slump resistance

For the non-slip installation of tiles

Material coverage

Consumption approx. 1.6 kg/m² with a 6 mm notched trowel
 approx. 2.1 kg/m² with an 8 mm notched trowel
 approx. 2.6 kg/m² with a 10 mm notched trowel



MONOFLEX-FB

The sociable one.

Flexible flow-bed adhesive S1

Offers almost void free bedding to floor finishes subjected to high thermal and mechanical stresses.



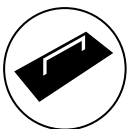
Properties

- Efficient, smooth application.
- Accelerated hardening.
- Thixotropic, no slumping with large, heavy tiles.
- C2 E in accordance with DIN EN 12004.
- S1 deformable adhesive to DIN EN 12002.
- For interior and exterior.
- Fulfills the requirement criteria for the "Flexible adhesive" guidelines.

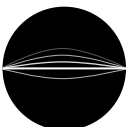
Technical data

Basis	Aggregate, cement, high quality additives
Application/substrate temperature	+5 °C to +25 °C
Pot life*	45 - 50 minutes
Ready for foot traffic*	after approx. 4 hours
Ready to grout*	after approx. 6 hours
Packaging	25 kg polythene bag

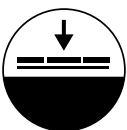
* at +23°C and 50% relative humidity



Smooth to apply
High comfort level



Highly polymer modified
Very flexible



Non-slump
No sagging with heavy boards

Material coverage

Consumption approx. 3.4 kg/m² with an 8 mm notched trowel
approx. 4.2 kg/m² with a 10 mm notched trowel



MONOFLEX-white

The white one.

S1 white flexible tile adhesive

White tile adhesive with very good application properties for special demands.



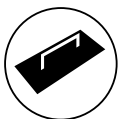
Properties

- White.
- For large formats.
- For underfloor heating.
- For indoors and outdoors.
- Walls and floors.
- Normal-setting.
- Tested in accordance with DIN EN 12004, C2 TE S1.
- Fulfills AgBB formula requirements.

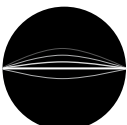
Technical data

Basis	aggregate, cement, high-quality additives
Application/substrate temperature	+5 °C to +30 °C
Pot life*	approx. 2 hours
Ready for foot traffic*	after approx. 24 hours
Ready to grout*	after approx. 24 hours minimum
Packaging	25 kg polythene bag

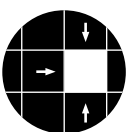
* at +23 °C and 50% relative humidity



Smooth to apply
High comfort level



Highly polymer modified
Very flexible



High slump resistance
For the non-slip installation of tiles

Material coverage

Consumption	approx. 2.2 kg/m ² with a 6 mm notched trowel approx. 3.0 kg/m ² with an 8 mm notched trowel approx. 3.6 kg/m ² with a 10 mm notched trowel
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MONOFLEX^{fast}

Fast-acting.

Grey, flexible rapid-setting mortar S1

It has a long working time and open time despite its rapid-setting behaviour.



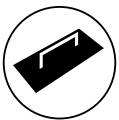
Properties

- Grey.
- Rapid setting.
- Long working time.
- For indoors and outdoors.
- Rapid crystalline water binding.
- Water and frost/thaw cycle resistant
- Tested in accordance with DIN EN 12004, C2 TE S1.
- Fulfils AgBB formula requirements.

Technical data

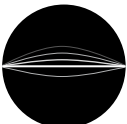
Basis	Aggregate, cement, high-quality additives
Application/ Substrate temperature	+5°C to +25°C
Pot life*	approx. 45 to 60 minutes
Foot traffic*	after approx. 3 hours
Groutable*	after approx. 3 hours
Packaging	25 kg foil bag

* at +23 °C and 50% rel. humidity



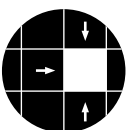
Smooth to apply

High comfort level



Highly polymer modified

Very flexible



High slump resistance

For the non-slip installation of tiles

Material consumption rate

Consumption	approx. 2.3 kg/m ² with 6 mm notched trowel
	approx. 3.1 kg/m ² with 8 mm notched trowel
	approx. 3.8 kg/m ² with 10 mm notched trowel
	approx. 5.6 kg/m ² at 12/20 mm semicircular medium bed notched trowel

The SCHOMBURG Group develops, produces and markets high quality building product systems for

- Waterproofing and Restoration
- Tile / Natural Stone / Screed installation
- Surface Protection Systems
- Concrete Technology

SCHOMBURG is recognised for its development competency and is distinguished both nationally and internationally with over 80 years in the market. System based construction products from its own production plants are held in high esteem throughout the world.

Industry professionals value the level of service provided by the SCHOMBURG Group, along with our large range of high quality products.

In order to stay at the forefront of a continuously advancing market we are always investing in research and development of new and current products. This guarantees high quality products, which in turn leads to customer satisfaction.

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