

System building products



Supplement

# Product Range

CRISTALLFUGE product family

Specialist retailers  
2022

---

Tiles/natural stone/screed application



# GROUTING CAN BE SO SIMPLE!

The **CRISTALLFUGE** product family  
The correct grout for each application



**Anne Heidrich**  
German Champion 2021  
of tile, board and mosaic layers  
Heidrich Fliesen GmbH



 **SCHOMBURG**

# The right grout mortar for every application

One family, five members  
- that's the **CRISTALLFUGE product family**.

It significantly enhances the aesthetics of a ceramic covering and allows living rooms and commercial areas to be individually designed with up to 15 different colours. The colours are matched based on the materials in the grouting mortar. The **CRISTALLFUGE product family** offers everything for a high quality premium tile design.

With this product programme, you can easily and confidently find the right grouting mortar for your project.

## Contents

<b>Joint mortar – cementitious</b>	4
CRISTALLFUGE	
CRISTALLFUGE-PLUS	
CRISTALLFUGE-FLEX	
CRISTALLFUGE-HF	
<b>Joint mortar – reaction resin</b>	8
CRISTALLFUGE-EPOX	
ASODUR-EKF	
Application system and colour overview	10
Contact, explanation of pictograms and abbreviations	11

## CRISTALLFUGE (formerly ASO-FUGENBUNT)

Flexible fine joint mortar 1-6 mm



### Properties:

- CG2 in accordance with DIN EN 13888
- Vapour permeable
- Good binding and wash-off properties
- Quickly washable

### Areas of use:

- For grouting absorbent ceramic tiles made of earthenware
- For heated substrates
- For walls and floors
- For dry, damp and wet areas
- For interior use

### Consumption:

Depending on the tile format and the joint width and joint depth.



### Advantages:

- Smooth consistency and smooth-running
- Very good jointing behaviour with absorbent tile fragments
- Brilliant colour

Article No.	Packaging	Colour shade	Container / e. pal.	Outer packaging					
204274001	5 kg, bag	Bahama beige	200	4					
204274002	5 kg, bag	beige	200	4					
204274003	5 kg, bag	brown	200	4					
204274004	5 kg, bag	caramel	200	4					
204274005	5 kg, bag	graphite	200	4					
204274016	10 kg, bag	grey	96	2					
204274006	5 kg, bag	grey	200	4					
204274007	5 kg, bag	jasmine	200	4					
204274008	5 kg, bag	Jura beige	200	4					
204274017	10 kg, bag	medium grey	96	2					
204274009	5 kg, bag	medium grey	200	4					
204274010	5 kg, bag	nut brown	200	4					
204274011	5 kg, bag	pergamon	200	4					
204274012	5 kg, bag	sand grey	200	4					
204274018	10 kg, bag	silver grey	96	2					
204274013	5 kg, bag	silver grey	200	4					
204274019	10 kg, bag	titanium grey	96	2					
204274014	5 kg, bag	titanium grey	200	4					
204274020	10 kg, bag	white	96	2					
204274015	5 kg, bag	white	200	4					

## CRISTALLFUGE-PLUS

Multifunctional, flexible, fine-joint mortar, rapid setting 1 - 10 mm



### Advantages:

- Long working time
- No burning on the tile surface
- Rapid usability of the grouted tile or natural stone surface
- Smooth grouting with almost filled joint cross-section after application
- Uniformly brilliant grout finish with a variety of ceramic coverings

### Properties:

- CG2 WA in accordance with DIN EN 13888
- Rapid crystalline binding of the mixing water
- Protected against bacterial attack and mould growth

Protects against discolouration caused by the stone's own constituents with sensitive laying materials

- Fulfils AgBB formula requirements

### Areas of use:

- For discolouration-free grouting of natural stones
- For interior and exterior use
- For walls and floors
- For dry, damp and wet areas
- For heated substrates

### Consumption:

Depending on the tile format and the joint width and joint depth.



Article No.	Packaging	Colour shade	Container / e. pal.	Outer packaging						
204205001	5 kg, bag	Bahama beige	200	4						
204205002	5 kg, bag	beige	200	4						
204205003	5 kg, bag	brown	200	4						
204205004	5 kg, bag	caramel	200	4						
204205005	5 kg, bag	graphite	200	4						
204205016	10 kg, bag	grey	96	2						
204205006	5 kg, bag	grey	200	4						
204205007	5 kg, bag	jasmine	200	4						
204205008	5 kg, bag	Jura beige	200	4						
204205017	10 kg, bag	medium grey	96	2						
204205009	5 kg, bag	medium grey	200	4						
204205010	5 kg, bag	nut brown	200	4						
204205011	5 kg, bag	pergamon	200	4						
204205012	5 kg, bag	sand grey	200	4						
204205018	10 kg, bag	silver grey	96	2						
204205013	5 kg, bag	silver grey	200	4						
204205019	10 kg, bag	titanium grey	96	2						
204205014	5 kg, bag	titanium grey	200	4						
204205020	10 kg, bag	white	96	2						
204205015	5 kg, bag	white	200	4						

## CRISTALLFUGE-FLEX (formerly ASO-FLEXFUGE)

Rapid setting flex joint mortar 3-20 mm



### Properties:

- CG2 WA in accordance with DIN EN 13888
- Rapid-setting
- Water-repellent
- Very flexible
- Vapour permeable
- Good binding and wash-off properties



### Areas of use:

- For grouting fully vitrified tiles, vitrified and earthenware tiles, brick tiles, brick slips, facing and floor clinkers
- For the discolouration-free grouting of natural stones
- For baths, showers and living rooms, terraces, balconies and loggias, façades, swimming pools, commercial and industrial facilities
- For heated substrates
- For interior and exterior use

### Advantages:

- Very smooth and easy to apply
- Safely withstands thermal stresses
- Rapid usability of the grouted tile or natural stone surface

### Consumption:

Depending on the tile format and the joint width and joint depth.

Article No.	Packaging	Colour shade	Container / e. pal.	Outer packaging						
204264006	25 kg, bag	graphite	42	1						
204264002	5 kg, bag	graphite	200	4						
204264007	25 kg, bag	medium grey	42	1						
204264003	5 kg, bag	medium grey	200	4						
204264008	25 kg, bag	sand grey	42	1						
204264005	5 kg, bag	sand grey	200	4						
204264009	25 kg, bag	cement grey	42	1						
204264004	5 kg, bag	cement grey	200	4						
204264010	25 kg, bag	anthracite	42	1						
204264001	5 kg, bag	anthracite	200	4						

## CRISTALLFUGE-HF (formerly HF05-BRILLANTFUGE)

High-strength flex joint mortar 3-20 mm



### Advantages:

- Very good resistance to neutral and alkaline cleaners
- Greater resistance to acidic cleaners compared to conventional cement-based grouting mortars
- High resistance to mechanical cleaning devices and high-pressure cleaners

### Properties:

- CG2 WA in accordance with DIN EN 13888
- High strength – greater abrasion resistance
- Water-repellent
- Fungus resistant
- Resistant to high-pressure cleaning

### Areas of use:

- For grouting porcelain stoneware, vitrified and earthenware tiles, brick tiles, brick slips, facing and floor clinkers
- For tile coverings in swimming pools, washing facilities, commercial kitchens, sales rooms, commercial spaces, industrial plants and workshops
- For areas with higher mechanical loads (e.g. from cleaning equipment, high-pressure steam cleaners or scrubbing machines)
- For baths, showers, living rooms, terraces, balconies, loggias and façades
- For heated substrates
- Neutral and alkaline cleaners with correct dosage can be used without limitation

### Consumption:

Depending on the tile format and the joint width and joint depth.



Article No.	Packaging	Colour shade	Container / e. pal.	Outer packaging					
205561001	25 kg, bag	medium grey	42	1					
205561002	25 kg, bag	cement grey	42	1					

## CRISTALLFUGE-EPOX

3K reaction resin-paint mortar 1 – 15 mm



### Properties:

- RG2 in accordance with DIN EN 13888
- R2 T per DIN EN 12004
- Protected against bacterial attack and mould growth
- Low water absorption
- Chemical resistance and quickly able to withstand mechanical loading
- Non-slump adhesion
- Fulfils AgBB formula requirements



### Areas of use:

- For grouting ceramic tiles and boards
- For use in dry, damp and wet rooms, swimming pools, spa facilities, in the demanding private sector, in breweries, commercial kitchens, laboratories, dairies, meat processing plants and other areas of the food and chemical industry
- For heated substrates
- For walls and floors
- For interior and exterior use

### Consumption:

Depending on the tile format and the joint width and joint depth.

### Advantages:

- Up to 70% time saving when jointing, as emulsifying and washing take place in one application step with hydro sponge board
- More m<sup>2</sup> grouted area per hydro sponge board – thus saving costs and avoiding waste
- Less work effort
- Identical colours to all cement-based grouts in the CRISTALLFUGE product family
- Very smooth and easy to apply

Article No.	Packaging	Colour shade	Container / e. pal.	Outer packaging					
204204009	3.5 kg, combination container	Bahama beige	72	1					
204204008	3.5 kg, combination container	beige	72	1					
204204006	3.5 kg, combination container	brown	72	1					
204204010	3.5 kg, combination container	caramel	72	1					
204204002	3.5 kg, combination container	graphite	72	1					
204204011	3.5 kg, combination container	grey	72	1					
204204014	3.5 kg, combination container	jasmine	72	1					
204204005	3.5 kg, combination container	Jura beige	72	1					
204204001	3.5 kg, combination container	medium grey	72	1					
204204007	3.5 kg, combination container	nut brown	72	1					
204204013	3.5 kg, combination container	pergamon	72	1					
204204003	3.5 kg, combination container	sand grey	72	1					
204204012	3.5 kg, combination container	silver grey	72	1					
204204004	3.5 kg, combination container	titanium grey	72	1					
204204015	3.5 kg, combination container	white	72	1					



## ASODUR-EKF

Heavy-duty epoxy resin adhesive and joint mortar 1 – 20 mm



### Advantages:

- Up to 70% time saving when jointing, as emulsifying and washing take place in one application step with hydro sponge board
- More m<sup>2</sup> grouted area per hydro sponge board – thus saving costs and avoiding waste
- Easily washed off with water when fresh
- Very smooth and easy to apply
- Less work effort

### Properties:

- R2 T per DIN EN 12004
- RG2 in accordance with DIN EN 13888
- Great hardness and high adhesion, load resistance and flexural strength
- Resistant to a multitude of acids, alkaline solutions, concrete-damaging water, cleaning agents, seawater and brine
- Non-slump adhesion
- System components in the DENSARE-PREMIUM / ASOFLEX-AKB systems

### Areas of use:

- For grouting and bonding ceramic tile and board coverings using the thin-bed method on substrates in accordance with DIN 18157, part 3 (e.g. concrete, screed, plaster, old tiled finishes, etc.)
- For commercial kitchens, laboratories, swimming pools, breweries, dairies, meat processing plants and other areas of the food and chemical industry
- For heated substrates
- For walls and floors
- For interior and exterior use

### Consumption:

Depending on the tile format and the joint width and joint depth.



Article No.	Packaging	Colour shade	Container / e. pal.	Outer packaging					
205752001	6 kg, combination container	medium grey	85	1					
205752002	6 kg, combination container	titanium grey	85	1					
205752003	6 kg, combination container	black	85	1					

# Application system and colour overview

		CRISTALLFUGE	CRISTALLFUGE PLUS	CRISTALLFUGE FLEX	CRISTALLFUGE HF	CRISTALLFUGE EPOX	ASODUR EKF
<b>Base material</b>		Cement	Cement	Cement	Cement	Resin based	Resin based
Strength DIN EN 13888		CG2	CG2 WA	CG2 WA	CG2 WA	RG2	RG2
<b>Area of application</b>							
Earthenware tile		■	■	-	-	■	■
Vitrified tiles		■	■	■	■	■	■
Fully vitrified tile <sup>1</sup>		-	■	■	■	■	■
Natural stone sensitive to discolouration		-	■	■	■	■	■
Natural stone not sensitive to discolouration		-	■	■	■	■	■
Cotto <sup>2</sup>		-	■	■	■	-	-
Household cleaner bath/shower		-	-	-	-	■	■
Limited chemical resistance		-	-	-	-	■	■
High chemical resistance		-	-	-	-	■	■
High mechanical resistance		-	-	■	■	■	■
Water and dirt repellent		-	■	■	■	■	■
Glass mosaic dry area		■	■	-	-	■	■
Glass mosaic shower area		-	■	-	-	■	■
Glass mosaic underwater area		-	-	-	-	■	■
Swimming pools drinking water		■	-	■	■	■	■
Swimming pool salt/thermal water		-	-	-	-	■	■
Swimming pool low water hardness		-	-	-	-	■	■
Balconies/terraces		-	-	■	■	■	■
<b>Colour</b>							
	white	■	■	-	-	■	-
	jasmine	■	■	-	-	■	-
	pergamon	■	■	-	-	■	-
	Bahama beige	■	■	-	-	■	-
	beige	■	■	-	-	■	-
	caramel	■	■	-	-	■	-
	Jura beige	■	■	-	-	■	-
	silver grey	■	■	-	-	■	-
	grey	■	■	-	-	■	-
	titanium grey	■	■	-	-	■	■
	medium grey	■	■	■	■	■	■
	sand grey	■	■	■	-	■	-
	cement grey	-	-	■	■	-	-
	graphite	■	■	■	-	■	-
	brown	■	■	-	-	■	-
	nut brown	■	■	-	-	■	-
	anthracite	-	-	■	-	-	-
	black	-	-	-	-	-	■

\*Carrying out trial grouting  
 1 With polished fully vitrified tiles, colour pigments can settle in the micropores that may be present in the surface of the tiles. Therefore, a strong colour contrast between the tile and grout is not advisable.  
 2 In the case of open-pored coverings, e.g. cotto and hand-moulded tiles, grouting aids (e.g. Möller Chemie, Fila, Patina Fala, Stiegel Chemie) should be used before grouting, if necessary.

Subject to changes. Consult current Technical Data Sheet for most recent information.

■ recommended  
 ■ suitable  
 - not suitable

NOTE:  
 The product-specific properties of the tiles and boards must be taken into account. We recommend trial jointing. The silicones ESCOSIL 2000 and ESCOSIL 2000-ST are available in matching colours.

■ Colour available  
 - Colour not available

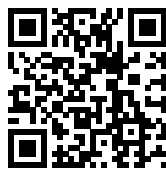
## Contact

We are there for you!

**Customer management:** Tel. +49-5231-953-150  
Fax +49-5231-953-155

**Technical advice:** Tel. +49-5231-953-720  
Fax +49-5231-953-155

You can find further details on your personal contact on-site or your regional team at **schomburg.de**.



Our current terms and conditions of sale and delivery can be found on the Internet at [www.schomburg.com](http://www.schomburg.com) (SERVICE/DOWNLOADS) or can be called up using the QR code opposite.

## Explanation of the abbreviations and pictograms



Antibacterial



2-component



FAST TECHNOLOGY



EMICODE EC1-PLUS tested

