

## DATASHEET

### Servoperl royal schnell

Fast-setting, flexible,  
water and dirt repellent  
grout

- universal formula for walls and floors
- high mechanical durability and abrasion resistance
- for interior, exterior and submerged\* applications
- colour accurate and resistant to efflorescence
- hygienic protection
- for 1-10 mm joint widths
- increased resistance to acids and alkaline solutions
- high resistance to household cleaning agents
- water and dirt repellent (hydrophobic)
- doesn't require sealer
- safe usage at low temperatures
- suitable for floor heating
- for absorbent coverings
- fast setting, open to light traffic after 2 hours
- residential and commercial application



Ideal for  
**Okalift  
SuperChange**



## PRODUCT DESCRIPTION

Fast-setting, high-strength, specialty cement-based grout for joint widths from 1-10 mm. Due to a highly dense mortar structure, this cement-based grout provides particular characteristics regarding its mechanical durability and abrasion resistance. Special cements provide a substantially higher resistance to chemical cleaning agents compared to that of conventional cement grouts. This makes them suitable for use in coordination with the respective object users and cleaning agent suppliers.

Due to their superb processing characteristics and the fast setting process, washing- out of the joints is

Kiesel Bauchemie GmbH u. Co. KG  
Wolf-Hirth-Straße 2  
D-73730 Esslingen  
Phone: 0711 93134-0  
Fax: 0711 93134-140  
www.kiesel.com  
Stuttgart District Court HRA 210806

CEO:  
Beatrice Kiesel-Luik  
Dirk Schulze

Personally liable partner::  
Kiesel Verwaltungsges. mbH  
Stuttgart District Court HRB 210484  
Registered Office of the company:  
73730 Esslingen

avoided.

**Servoperl royal schnell** can be used in interior, exterior and submersible\* applications. It is suitable for grouting ceramic surfaces, in particular stoneware, earthenware and porcelain stoneware in damp and wet areas, as well as heating screeds or drywall dividing walls and areas subjected to heavy use

## PROCESSING

Use and mix same batches for color consistency. The tile surface, grout joints must be free of any foreign materials. High ridges of adhesive or mortar should be raked out. Any spacers used should be removed. The tile mortar must be fully dry. Mix **Servoperl royal schnell** with clean, cool water to a free of lumps and homogeneous consistency. Pour water to in to a bucket and then add powder. To ensure color consistencies use the same water ratio when using multiple bags for the same job. Allow mixture to slake (3-5 minutes), and then remix before using. Apply grout using rubber float in a diagonal direction across the joint lines to prevent the grout from being dragged out of the joints. Go over each area several times to ensure that the grout is fully packed in. Hold your float at 90° angle to the surface of the tile and move it diagonally across the joints. Do not use dried out remains of the grout and dust wet grout joints with dry powder. Do not grout when directly exposed to the sun and where air draft is present. It is recommended to cover freshly grouted areas with Poly/plastic when working on exterior applications or when dealing with non-absorbent tiles/substrates. Test small area to ensure the desired results.

## SPECIFICATIONS

Color	white, silver grey, light grey, medium grey, black velvet, pergamon, light brown, brazil, basalt, slate, anthracite
Application	interior, exterior and submerged** areas
Joint widths	1-10 mm / 1/32"-3/8"
Application temperature	+5 °C to +25 °C (41 °F-77 °F)(substructure) 41F-77F
Temperature tolerance	-20 °C to +80 °C (-4 °F-176 °F)
Water demand	approx. 0.9 litres / 5 kg powder / 0.23 US gal per 11 Lbs
Processing time*	approx. 25 minutes
Walkable*	after approx. 2 hours
Ready for exposure to rain *	after approx. 1 hour
GISCODE	ZP 1 - low in chromate according to TRGS 613
Storage	store under dry conditions, can be stored for approx. 12 months

\* At 68 °F (+20°C) and 65 % rel. humidity. Higher temperatures shorten and lower temperatures lengthen these values accordingly.

\*\* contact Kiesel technical department for further information

## IMPORTANT NOTICE

To avoid staining, please observe the following:

Low temperatures delay the setting process of the mixture, which can lead to discolouration. As a result of humidity from the substructure, efflorescence and staining can occur. Subsequent treatment of the set joint by scrubbing and cleaning with extremely diluted, acidic cleaning agents has proven to be effective. Water should be applied to the joint beforehand. On walls, work from top to bottom, and on floors, puddles should be avoided. **Servoperl royal schnell** is a cement-based product and is therefore not absolutely resistant to aggressive cleaning agents and to water with high chlorine content.

### Clean up

Allow the grout to firm up in the joints. Check for firmness by touching the grout with your finger. If the grout will transfer wait adequately and test again. No transfer indicates beginning of clean-up. Wet your grout sponge in cool, fresh water and wring it out. Do not use over saturated sponge. Loosen the grout on the tile surface by moving the sponge in circular motion across the tiles. Then use the grout sponge to tool the joints. Wipe diagonally across the tiles to remove grout residue/film. Use each side of the sponge once. Rinse, completely, wring out and repeat the process. Change your cleaning water frequently.

\*Contact Kiesel technical department for further instructions and guidelines.

## COVERAGE

Approx. 0.35 kg/m<sup>2</sup> for 15 cm x 15 cm tiles.  
 Approx. 0.50 kg/m<sup>2</sup> for 10 cm x 10 cm mosaic.  
 Approx. 1.00 kg/m<sup>2</sup> for 5 cm x 5 cm mosaic.  
 Approximate Coverage table per 11 lbs. bag.

Tile Size	Joint Widht			
	1/16" (1.5 mm)	1/8" (3 mm)	1/4" (6mm)	3/8" (9 mm)
1"x1"x3/16"	48	24	12	8
1"x1"x1/4"	36	18	9	6
2"x2"x1/4"	72	36	18	12
4"x4"x5/16"	114	57	29	19
4"x4"x1/2"	72	36	18	12
4"x8"x1/2"	96	48	24	16
6"x6"x1/4"	214	107	54	36
6"x6"x1/2"	108	54	27	18
8"x8"x5/16"	228	114	57	38
8"x8"x1/2"	142	71	36	24
10"x10"x5/16"	284	142	71	48
12"x12"x3/8"	285	143	71	48
12"x12"x5/16"	343	171	86	57
12"x24"x5/16"	455	228	114	64
16"x16"x5/16"	455	227	114	76
18"x18"x5/16"	515	256	128	86
24"x24"x5/16"	685	343	171	114
24"x48"x3/8"	760	380	190	127

## CLEANING

Clean tools immiedetely with water.

## PACKAGING

Product description	Item no.	Item no.
50 Units 4 x 5 kg Special paper bag	14401 white	4015705144016
50 Units 4 x 5 kg Special paper bag	14402 silver grey	4015705144023
50 Units 4 x 5 kg Special paper bag	14403 light grey	4015705144030
50 Units 4 x 5 kg Special paper bag	14404 middle grey	4015705144047
50 Units 4 x 5 kg Special paper bag	80144 black Velvet	4015705801445
50 Units 4 x 5 kg Special paper bag	14406 pergamon	4015705144061
50 Units 4 x 5 kg Special paper bag	80145 basalt	4015705801452
50 Units 4 x 5 kg Special paper bag	14412 anthracite	4015705144122

The aforementioned information, especially the proposals for processing and utilizing our product, is based on our knowledge and experience. We recommend that you carry out your own tests in every case to ensure the suitability of our products for the intended process and processing purposes because of the different materials and the working conditions which lie beyond our area of influence. No liability can be derived from this advice or from verbal advice, unless we are responsible for (criminal) intent or gross negligence in this respect.

Revised: 04.04.2019/me