



Servoperl royal

High performance, flexible, water and stain-repellent grout

- Universal formula for floors, walls
- Suitable for interior, exterior applications
- True mold/mildew resistance
- Household Chemical Cleaners Resistant
- No sealing required
- Stain resistant and water repellent
- No haze
- Efflorescence free, accurate color consistency
- Based on high-quality alumina cement
- High compressive strength
- Resistant to power washers*
- Zero VOCs
- Smooth and easy-to-use cementitious product
- Suitable for residential, commercial, saline and chlorine-based pools**
- Suitable for heated floors
- Grout joints from 1/32" - 3/8" / 1 - 10 mm
- Ready for light foot traffic and exposure to rain in 6 hours
- * With the V-fin and up to maximum 1350 PSI

Kiesel Technical Department
of North America
Canada: Toll-Free: 1.888.5437351
General inquires:
info.canada@kiesel.com
USA: Tell-Free: 1.888.5437351
General inquires:
info.usa@kiesel.com

Kiesel Bauchemie GmbH u. Co. KG
Wolf-Hirth-Strasse 2
73730 Esslingen · Germany
Phone: +49 711 93134-0
Telefax: +49 711 93134-140
www.kiesel.com

CEO:
Wolfgang Kiesel, Dr. Matthias Hirsch,
Beatrice Kiesel-Luik
Personally liable partner:
Kiesel Verwaltungsges. mbH
Stuttgart District Court HRB 210484
Registered office of the company:
73730 Esslingen · Germany
Stuttgart District Court HRA 210806

DESCRIPTION

High-strength, specialty cement-based grout for joint widths from $1/32'' - 3/8''$ / 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 avoided.

Servoperl royal 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. Follow local/ national specifications regarding swimming pool specifications and installation and floor preparation guidelines located in the latest TTMAC and TCNA installation manuals.

BASE PREPARATION

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.

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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** with clean, cool water to a free of lumps and homogeneous consistency. Pour water 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

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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, manhattan, medium grey, shadow, basalt, anthracite, slate, stone grey, black velvet, kaffee, bali brown, cocoa, bahama, universal grey, desert sand, mochacino, safari sand, bone, camel, topas, pergamon, jasmine, fog, snow
Compliance	ANSI A118.7
VOC	0.0 g/L
Recycle content	Yes
Antimicrobial technology	Yes
Application	Interior, exterior and submerged** areas
Joint widths	1 - 10 mm / 1/32" - 3/8"
Application temperature	41 °F to 77 °F (+ 5 °C to + 25 °C)(substructure)
Processing time*	Approx. 60 - 70 minutes
Walkable after grouting*	After approx. 6 hours
Water demand	Approx. 1.0 liters / 5 kg powder (0.23 - 0.26 U.S. gals.)
GISCODE	ZP 1 - low in chromate according to TRGS 613
EMICODE	EC1 Plus according to GEV
Storage	Store under dry conditions, can be stored for approx. 15 months

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

** Avoid air entrapment doing exterior installations.

IMPORTANT NOTICE

Due to the printing technique and grout sample production processes involved, the colors should be taken as purely suggestive of the shades of the actual product. The final installed shade may vary with the tile type, color and porosity, job site and humidity/moisture levels, substrate conditions, and finishing techniques.

For best results, perform a test on a small, inconspicuous area or create a sample board before installation

Do not start washing off until sufficient joint strength has been achieved. Then wash off the joints with as little water as possible and rinse again. Protect freshly grouted surfaces from drafts, sunlight and rapid drying. This is

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particularly important for coverings with very narrow joints.

To avoid staining, please observe the following:

Low temperatures delay the hardening of the grout, which may lead to changes in color shade. In addition, efflorescence or marbling may occur due to moisture residing and transitioning from the substrate. If necessary clean with highly diluted, acidic cleaning agents with thorough scrubbing and re-washing has proven effective. The joint must be watered/pre-moist beforehand.

On the wall, work from top to bottom; on the floor, avoid puddles. Cementitious products are not resistant, or not resistant for long periods, to acids and water with too high a chlorine content.

Please observe the chemical resistance tables and, if necessary, grout with Okapox royal epoxy-based grout.

COVERAGE

Tile size	Joint width			
	1/16" (1.5 mm)	1/8" (3 mm)	1/4" (6 mm)	3/8" (9 mm)
1" x 1" x 3/16"	48	24	12	8
1" x 1" x 1/4"	36	18	9	6
2" x 2" x 1/4"	72	36	18	12
4" x 4" x 5/16"	114	57	29	19
4" x 4" x 1/2"	72	36	18	12
4" x 8" x 1/2"	96	48	24	16
6" x 6" x 1/4"	214	107	54	36
6" x 6" x 1/2"	108	54	27	18
8" x 8" x 5/16"	228	114	57	38
8" x 8" x 1/2"	142	71	36	24
10" x 10" x 5/16"	284	142	71	48
12" x 12" x 3/8"	285	143	71	48
12" x 12" x 5/16"	343	171	86	57
12" x 24" x 5/16"	455	228	114	64
16" x 16" x 5/16"	455	227	114	76
18" x 18" x 5/16"	515	256	128	86
24" x 24" x 5/16"	685	343	171	114

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24" x 48" x 3/8"	760	380	190	127
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CLEANING

Immediately clean tools with water after use.

When using high-pressure cleaners, we recommend a V-fin attachment with the moderate use of a surface cleaner without exceeding 1350 PSI of pressure. Preferably, neutral and alkaline cleaners should be used for maintenance cleaning. If permanent chemical stresses are higher than those indicated in the resistance table, the chemical-resistant, 2-component epoxy resin grout and adhesive mortar Okapox royal should be used. To ensure the ideal hydration of the grout, sufficient moisture must be provided.

PACKAGING

Description	Item No.
50 units 4 x 5 kg Special paper bag	80130 white
50 units 4 x 5 kg Special paper bag	80131 silver grey
50 units 4 x 5 kg Special paper bag	80132 light grey
50 units 4 x 5 kg Special paper bag	80143 manhattan
50 units 4 x 5 kg Special paper bag	80133 middle grey
50 units 4 x 5 kg Special paper bag	80140 shadow
50 units 4 x 5 kg Special paper bag	80164 basalt
50 units 4 x 5 kg Special paper bag	80146 anthracite
50 units 4 x 5 kg Special paper bag	80136 slate
50 units 4 x 5 kg Special paper bag	80211 stone grey
50 units 4 x 5 kg Special paper bag	80268 velvet black
50 units 4 x 5 kg Special paper bag	80152 kaffee
50 units 4 x 5 kg Special paper bag	80141 bali brown
50 units 4 x 5 kg Special paper bag	80273 cocoa
50 units 4 x 5 kg Special paper bag	80271 bahama
50 units 4 x 5 kg Special paper bag	80272 universal grey
50 units 4 x 5 kg Special paper bag	80137 desert sand

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50 units 4 x 5 kg Special paper bag	80139 mochacino
50 units 4 x 5 kg Special paper bag	80138 safari sand
50 units 4 x 5 kg Special paper bag	80210 bone
50 units 4 x 5 kg Special paper bag	80270 camel
50 units 4 x 5 kg Special paper bag	80148 topas
50 units 4 x 5 kg Special paper bag	80134 pergamon
50 units 4 x 5 kg Special paper bag	14165 jasmin
50 units 4 x 5 kg Special paper bag	80274 fog
50 units 4 x 5 kg Special paper bag	80269 snow

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.

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