

Always refer to local / national specifications regarding swimming pool specifications and installation and floor preparation guidelines located in the latest TTMAC and TCNA installation manuals. The information in this document, especially the proposals for processing and utilizing our product, is based on the knowledge and experience of Kiesel Canada. 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.

Servoperl Royal is a high-strength, high-performance, flexible, water and stain-repellent, smooth, easy-to-use, and specialty cement-based grout. It is used for joint widths from 1/32" - 3/8" or 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.

Due to the printing technique and grout sample production processes involved, the colours should be taken as purely suggestive of the shades of the actual product. The final installed shade may vary with the tile type, colour 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. Use and mix same batches for colour consistency.

Low temperatures delay the hardening of the grout, which may also lead to changes in colour 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.

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 colour 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.

Immediately clean tools with water after use. 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 particularly important for coverings with very narrow joints. Ready for light foot traffic and exposure to rain in 6 hours after installation.

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.

Tile size	Joint width			
	1/16"	1/8"	1/4"	3/8"
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
24" x 48" x 3/8"	760	380	190	127