

High resistance tile grout for swimming pools, spas, steam rooms, and saunas

weber.color HR



For 2 – 10 mm joint width



Resist to water pressure



Resist to chemical cleaning agent like chlorine



Anti-fungus and anti-dirt



Resist to temperature between -40°C to $+100^{\circ}\text{C}$



Low VOCs

PRODUCT DESCRIPTION

weber.color HR is high resistance tile grout specially designed to use in swimming pools, spas, and saunas providing resistance to water pressure and chlorine ideal for grouting in swimming pools, spas, saunas on both floors and walls

PACKAGING: 3 kg and 24 kg bucket

COLOR: 7 colors



*These color presentations are as close as printing techniques permit. It is recommended to use the actual grout presenter for final selection.

COVERAGE: average 4 m²/ 3 kg bucket
average 32 m²/24 kg bucket

APPLICATION

Substrate preparation

- Properly clean the joints until free from any dirt to make sure of good bonding and color uniformity
- Avoid the application in direct sunlight, cover the areas to have shade when working

Mixing

- Put clean water in mixing bucket
- Gradually add **weber.color HR** into the water and mix until obtaining homogeneous lump-free paste with the ratio of
1:3.0 by volume (water : grout) for small joints where liquidity is needed
1:3.5 by volume (water : grout) for bigger joints
- Do not add more water into the mixture. Excess water can cause high porosity making the grout not harden after setting.
- The mixture of **weber.color HR** can be used within 20 – 30 minutes after mixing when placing in shade

Grouting

- Use rubber trowel or grout trowel to diagonally fill up the joints.
- Wipe off excess grout with damp sponge 10 – 20 minutes before the grout sets.
- Leave for 1 hours and then clean tiles' surface with clean cloth
- Wait 12 hours for the grout to set and then sprinkle water thoroughly for 2 – 3 days for curing
- Leave for 3 days before filling in with water for reaching high resistance property and good bonding

SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bucket

TECHNICAL DATA

Type	Cementitious grout
Density of powder	1.3 g/cm ³
Chemical curing time	3 – 4 minutes
Pot life (in shade)	20 minutes
Waiting time after tiling before grouting	24 hours
Recommended joint width	2-10 mm
Waiting time before filling in with water	3 days

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions

CERTIFIED STANDARD

International/European standard	Standard	Result
Abrasion resistance ISO 13007 part 4.4.4 or EN 12808-2	$\leq 2,000 \text{ mm}^3$	297 mm ³
Flexural strength under standard condition ISO 13007 part 4-4.1.3 or EN 12808-3	$\geq 2.5 \text{ N/mm}^2$	6.17 N/mm ²
Compressive strength under standard condition ISO 13007 part 4-4.1.4 or EN 12808-3	$\geq 15.0 \text{ N/mm}^2$	27.29 N/mm ²
Shrinkage ISO 13007 part 4-4.3 or EN 12808-4	$\leq 3.0 \text{ mm/m}$	1.29 mm/m
Water absorption after 30 minutes ISO 13007 part 4-4.2 or EN 12808-5	$\leq 5.0 \text{ g}$	0.07 g
Water absorption after 240 minutes ISO 13007 part 4-4.2 or EN 12808-5	$\leq 10 \text{ g}$	0.23 g