



## SIKA TILING SYSTEMS

### Ceramic Manufactures “Produce” and Sika “Fix”

It's a Fact that Ceramic Manufactures are enlarging the size of their tiles; this growth in tile size needed a similar growth in technology of tiling systems. In Sika we are ready for such changes in tiles not only Ceramic , but Large Porcelain 60 x 60 cm , Glass Mosaic , Marble .... Etc. This is done by complete system from surface preparation passing by tile adhesive and finally tile grouting with available ready mixed consistent colors. The Complete System in Tiling is very important to guarantee the emotional output most Architects and Interior designers seek. Sika Tile Adhesives are EN Tested according to EN 12004, Which Means that not all tile adhesives are the Same, Sika Guarantee the best performance of their Materials according to their Technical Data sheets that includes the Mixing, application and the Uses of each product.

# STANDARDS FOR TILE ADHESIVES & GROUTS

## TILE ADHESIVES

### STANDARD EN 12004

This standard establishes the specifications and methods for classifying of adhesives for ceramic tile and similar material on floors and walls.

<b>C</b>	Cement-base Adhesives in powder form: to be mixed with water or some other appropriate liquid right before use
<b>D</b>	Dispersion Adhesives: ready-to-use pastes based on organic polymers in water dispersion
<b>R</b>	Reactive Adhesives: based on two or more components to be mixed before use, which sets by means of chemical reaction
<b>Class 1</b>	Normal adhesives (with minimum criteria)
<b>Class 2</b>	Improved adhesives (with additional criteria)
<b>F</b>	Fast setting adhesives
<b>T</b>	Thixotropic adhesives (withstand slip)
<b>E</b>	Extended (longer) open time adhesives

### STANDARD EN 12002

This standard determines the transverse deformation degree (elasticity) of cement-based adhesives and grouts, and divides them into two categories.

<b>S1</b>	Deformable product with $\geq 2.5$ mm deformability
<b>S2</b>	Highly deformable product with $\geq 5$ mm deformability

## TILE GROUT

### STANDARD EN 13888

This standard establishes the specifications and methods for classifying grouts for ceramic tiles and similar material on floors and walls. It divides the grouts into two categories:

<b>CG</b>	Cement-based Grouts: in powder form, to be mixed with water or some other appropriate liquid right before use
<b>RG</b>	Reactive Grouts: based on two or more components to be mixed before use, which sets by means of chemical reaction

There are two classes of cementitious grouts (CG), depending on different additional criteria:

<b>Class 1</b>	Normal grouts (with minimum criteria)
<b>Class 2</b>	Improved grouts (with additional criteria, reduced water absorption and high resistance to abrasion)

### Sika Tiling Range: (hyper Links for Each Data Sheet)

[Sika Ceram](#)

[Sika Ceram 100 Basic](#)

[Sika Ceram 205 L](#)

[Sika Lasqa WP](#)

[Sika Paste H](#)

[Sika Ceram T Latex](#)

[Sika Ceram Latex Grout](#)

[Sika Tile Grout](#)