



TECHNICAL SHEET

SANDENIT KF 210 FLEXIBLE TILE ADHESIVE FOR INDOOR AND OUTDOOR TILE FIXING

PURPOSE: **SANDENIT KF210** is dry building flexible adhesive suitable for fixing ceramic and ' granite tiles, tile to tile and stone, indoor and outdoor.

CONTENT: cement, stone aggregate 0.9mm, additives and hydraulic binders.

DESCRIPTION: grey powder

CONSUMPTION: 4kg/m²

SURFACE

PREPARATION: Surfaces need to be clean, solid and dry, without oily residues.

PREPARATION: Mix the powder manually or with electric stirrer with water to needed consistency in approximate relation 3:1 (3 parts of SANDENIT KF210 i 1 part of water). Mix until material is uniform. Allow mixed material to sit undisturbed for 15 minute and remix it finally.

WORK

TEMPERATURE: from +10 °C to +25 °C – and it reffers to air and surface temperature.

APPLICATION: Apply SANDENIT KF210 on wall and floor surfaces with metal square-notch trowel. Press tiles into adhesive and gently fix them. Position of tiles can be changed during 10 minutes without changing adhesion. After adhesive is hardened, wash tiles with water and fill joint with grout.

OPEN WORK

TIME: Open work time of properly prepared adhesive is 4 hours.

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EXPIRY DATE : 6 months in original packaging in dry and airy rooms.

PACKAGING: Bag 25 kg

TECHNICAL CHARACTERISTICS

1.	The components ration A:B:H2O	1 : / : 0.33
2.	Consistence of fresh adhesive (by flow table) mm	172
3.	Adhesion to glass surfaces, %	≈97
4.	Slip ceramic tiles, mm	0.0
5.	Adhesive strenght of stone tiles on a concrete substrate, MPa a) Initial tensile adhesion strenght-standard conditions b) Tensile adhesion strenght after water immersion c) Tensile adhesion strenght after heat ageing (+70 ⁰ C) d) Tensile adhesion strenght after freeze-thaw cycles e) Tensile adhesion strenght after correction element	1.52 "CFA" 1.28 "CFA" 0.85 "CFA" 0,96 "CFA" 1.46 "CFA"
6.	Adhesive strenght of ceramic tiles on a concrete substrate, MPa a) Initial tensile adhesion strenght-standard conditions b) Tensile adhesion strenght after water immersion c) Tensile adhesion strenght after heat ageing (+70 ⁰ C) d) Tensile adhesion strenght after freeze-thaw cycles e) Tensile adhesion strenght after correction element	1.53 "CFA" 1.28 "CFA" 0.85 "CFA" 0,96 "CFA" 1.46 "CFA"

STORAGE : In dry room on wooden pallet.

TRANSPORT: SANDENIT KF 210 during transport should be protected from rain, snow and wetting.

FINAL WORKS: Tiles' joints can be filled with grout.

Kasem company ltd performs regular testing of all products in certified laboratories. Instructions are product of our knowledge and practical experiences, and they are recommendation for all users if they want to achieve best results in work. If weather conditions are different from those recommended, our instructions should be used as guidelines without applying guarantees. Kasem company ltd will not take responsibility for wrong usage of product, wrong choice of product and for poorly managed works. It is supposed that user of our products is educated in building techniques and in usage of different products.

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