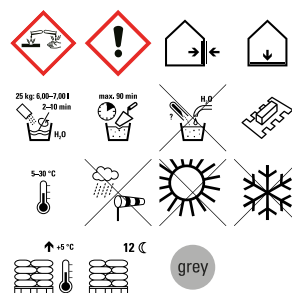


Technological instruction No. 08-019

BETAFIX® SF

Catalogue No.: 633300

Dry (flexible) adhesive cement for facing elements (ceramic, natural stone etc.). – marking C2TE subject to the EN 12004 standard.



CHARACTERISTICS

Application It is used for adhesion on common bases (plinth walls, sustaining walls, balconies, pillars, facades and walls) in interior and exterior.

Characteristics Flexible and usable also for less stable bases and heated floors. It shows increased adhesion to attached materials. The hardened material ensures frostproof adhesion.

TECHNICAL DATA

Criterion	Standard/test regulation	Value/Unit	Notes
Initial tensile adhesion	EN 1348	≥ 1.0 MPa	
Tensile adhesion after thermal aging	EN 1348	≥ 1.0 MPa	
Tensile adhesion after placing in water	EN 1348	≥ 1.0 MPa	
Tensile adhesion after freezing-defrosting	EN 1348	≥ 1.0 MPa	
Wilting time	EN 1346	≥ 0.5 MPa	no earlier than after 30 minutes
Slip	EN 1308	≤ 0.5 mm	

The specified characteristic parameters are average values. Due to the use of natural raw materials in our products, the specified values may insignificantly differ in individual deliveries. This, however, does not compromise suitability and reliability of our products.

SUBSTRATE

Requirements Adhesion is possible on common bases (concrete, cement compound, coherent firm render, aerconcrete). The adhesion is not possible to lime or glue paints. Such instable layers must be removed before application by regrating or grinding. When attached to not firm and volume unstable bases (cement-fibre, chipboards, wood-fibre boards, fibreglass etc.) especially in spaces exposed to significant changes of humidity and temperatures, the corresponding base preparation and adhesion technology must be set according to concrete conditions by consultation with the producer.

Preparation of the material Absorbent bases are impregnated by penetration solution. A double penetration must be done with highly absorbent bases or bases repaired by previous regrating of lime or glue paints. For impregnation of bases the penetration coating EH is mostly used, further NL paints, eventually HC-4 or HC-5 primers.

APPLICATION

Climatic conditions during application Range of working temperatures is +5 °C to +30 °C. Do not realise under rain or strong wind. The applied material must be secured against frost and rain influences up to complete drying.

Workability period Time of processing is 3.5 to 4 hours, which depends on application conditions as well as used amount of mixing water. An open time is approx. 30 minutes.

Mixing ratio	The material is prepared by mixing of 100 weight parts of dry BETAFIX® SF material into 24 to 28 weight parts of water according to the required consistency.
Preparation of the material	The material is prepared by mixing of 100 weight parts of dry BETAFIX® SF material into 24 to 28 weight parts of water according to the required consistency by means of mixing stirrer. It is mixed under low revolutions 2 to 10 minutes according to the stirrer type and after 10 minutes of maturing and short mixing the material is prepared for use.
Consumption	(kg/m ²) BETAFIX® SF: sticking / gluing of the facing and pavement: 1,5 up to 3,5
Spreading capacity	10 m ² / bag (25 kg) according to the base and the thickness of the adhesive cement
Application	Spreading of adhesive cement BETAFIX® SF is done by means of tooth applicator with teeth height of 3 to 10 mm onto the prepared base. Into the bed prepared in this way tiles or exact structural elements are laid and pressed into the required height while excess of forced out adhesive cement is removed. Position of attached tiles and structural elements can be adjusted until the adhesive cement starts to dry. Places polluted by the BETAFIX® SF must be cleaned in time.
Drying, curing, revision time	The drying time depends on the temperature, strength of wind and relative humidity. On principle, protective measures must be taken (e.g. protection against rain) on the worked or just finished surface under adverse conditions. Hardening lasts about 1 day/mm of the coat thickness depending on the weather conditions.
Cleaning tools	Immediately after use clean with water.
Instructions, recommendations, specialties, other	Respect safety sheet instructions.

DELIVERY

Colour hue	grey tint
Tintable	The product cannot be tinted.
Packing	The product is packed in 25 kg laminated paper bags.

STORAGE

Storage	Storability in the original packaging at the minimum temperature +5 °C, out of reach of water and humidity, is 12 months since the production date.
Storage period	12 months since the production date.
Ecology	Liquidation of not used remains is done by watering and depositing of the hardened inert substance as a building waste. Used packaging is liquidated as composite waste according to the valid legislation.

IDENTIFICATION


Product group	Adhesive material
Composition	hydraulic and polymer binding substances, modifying additives, fine-grain fillers
Safety	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation. P260 Do not breathe dust. P280 Wear protective gloves/protective clothing/eye protection. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313 Get medical attention. P501 Dispose of container in accordance with local regulations. Hazard determining components: Product during storage life meets the legislative requirements for the content of soluble hexavalent chromium. Additional information: The effect of some of the ingredients on the aquatic environment are unknown. This product contains cement. Product during storage life meets the legislative requirements for the content of soluble hexavalent chromium.

SPECIAL INFORMATION

Regarding orders, transport, handling and storing, general sales conditions are applicable. Usage of the product is described in relevant technological sheet. Respect safety sheet instructions. The prescription is available at authorized dealers and on the address **www.stomix.com**.

The information provided takes in account the current status of the technology. We give general instructions based on our experience with application and results of the material tests. However, the information provided can't take into account the

local conditions during the application, therefore, it can't be legally binding. In case of doubts or need to solve specific technical problems, please contact us.

	STOMIX, spol. s r. o. 790 65 Skorošice 197 Czech Republic ID: 48400874	
	07	08-019-02
EN 12004+A1:2012 Adhesives for tiles – Requirements, evaluation of conformity, classification and designation		
Reaction to fire: E Initial adhesion: ≥ 1.0 MPa Adhesion after heat aging: ≥ 1.0 MPa Adhesion after immersion in water: ≥ 1.0 MPa Adhesion after freeze-thaw: ≥ 1.0 MPa Release of hazardous substances: See Safety Sheet Open time: ≥ 0.5 MPa not less than after 30 min. Slip: ≤ 0.5 mm		



WWW link