

VIVEFIX PLUS PART A

WATERPROOFING CEMENT-BASED MORTAR FOR CONCRETE AND PLASTERS

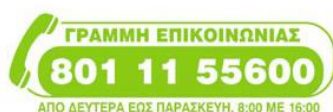


- **Waterproofing of roofs, terraces, bathrooms, water towers, swimming pools**
- **Penetrates and seals concrete capillaries**
- **For the ETICS waterproofing zone**

DESCRIPTION

Vivechrom's VIVEFIX PLUS Part A is a highly durable waterproofing cement-based mortar, for the waterproofing and protection of concrete and plaster surfaces, with excellent adhesion to horizontal and vertical surfaces. It has great resistance to solar radiation and protects concrete from carbonation. It is suitable for waterproofing roofs, terraces, bathrooms, water towers, swimming pools, etc. It can be used as a one-part system by simply mixing with water, or as a two-parts system in combination with elastic emulsion VIVEFIX PLUS Part B, for very enhanced waterproofing and elasticity, eg in waterproofing zone in **Vivechrom's** external thermal insulation composite system **THERMOPROTECT**, on foundation walls, basements, etc.

It is certified with the CE mark according to the harmonized standard **EN 1504-2:2004**.



PRODUCT INFORMATION

Product Identification

	Component A	Component B
Consistency	Powder	Liquid
Color	Grey & White	White
Chemical base	Portland cement, quartz aggregates, special additives	Acrylic dispersion
Granulometry	Dmax: 0,3 mm	
Apparent weight	1,4 ± 0,1 kg/	
Density		1,05 ± 0,05 kg/L
Packaging	25Kg paper bag	7Lt bottle
Storage	12months stored in dry place in the original sealed packaging	

Application Data (+23°C % & 50% R.H.)

Mixing ratio: Part A: Part :B ≈ 25 : 7

Density of fresh mortar: 1,65 ± 0,05 kg/L

Pot life: ≈ 60 -90 minutes

Application temperature: from +8°C up to +35°C

Application thickness: Total thickness at least 2 mm, 1 mm per layer

Final Performances according to EN1504-2:2004 & 13295:2004

	Performance	Method
Permeability to water vapour	Class I: SD < 5 m	EN ISO 7783-1 & 2
Capillary absorption and permeability to water	≤ 0,1 Kg / m ² h ^{0,5}	EN 1062-3
Adhesion strength by pull-off test	≥ 2 N/mm ²	EN 1542
Compressive strength	≥ 20 N/mm ²	EN 12190
Flexural strength	≥ 7 N/mm ²	EN 12190
Resistance to carbonation	pass	EN 13295
Resistance to fire	F	EN 13501-1

SURFACE PREPARATION

- Surfaces must be flat and firm, solid and without cracks, clean and dry, without loose materials, dust and oils.
- Before and after application, the substrate should be watersoaked until saturation.

TOOL CLEANING – WASTE MANAGEMENT

Remove as much material as possible from the tools before cleaning them. Clean the tools immediately after use with water and detergent solution.

APPLICATION

- **For Vivechrom's THERMOPROTECT ETICS system:** Pour VIVEFIX PLUS Part B (7 lt) into a suitable container and mix it with VIVEFIX PLUS Part A (25 kg) while continuously stirring with an electric stirrer, at low speed for 3-5 minutes, until a homogeneous paste without lumps is created. The mixture is applied in 60-90 minutes, depending on the temperature conditions.
- **As a one-part cement-based waterproof coating:** add VIVEFIX PLUS Part A to water while stirring continuously (4-5 lt water / 25 kg powder)
- **VIVEFIX PLUS Part A** is applied with a stiff brush, roller, or spatula, depending on the type of application, with maximum thickness of 1mm per layer and total thickness of at least 2mm. The second layer is applied crosswise, when the first layer is hard enough (2-5 hours).
- Apply at temperatures from +8°C to +35°C. Do not apply under direct sunlight or strong winds.
- **CONSUMPTION:** 1.6 kg/m² for each mm of thickness, depending on the porosity of the substrate.

STORAGE - SHELF LIFE: Store for 12 months from the date of production in sealed packaging, in a dry place, preferably on pallets, and at temperatures between +8°C and +35°C.

HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

DANGER. Contains Portland cement • Causes serious eye damage • Causes skin irritation • May cause an allergic skin reaction • May cause respiratory irritation • Keep out of reach of children • If medical advice is needed, have product container or label at hand • Wear eye / face protection • Use only outdoors or in a well-ventilated area • Avoid breathing dust • IF INHALED: Remove person to fresh air and keep comfortable for breathing • IF IN EYES: Rinse cautiously with water for several minutes. Immediately call a POISON CENTER or doctor • Call a POISON CENTER or doctor/physician if you feel unwell • Do not empty into drains • Dispose of contents and container in accordance with all national regulations • Lift with care - gross weight exceeds 10 kg. Poison Control Center for Greece: 210 7793777 / for Cyprus: 1401.

