SMOOTHING AND LEVELLING EXTERIOR SURFACES

SMOOTHING AND LEVELLING EXTERIOR SURFACES

- contains cellulose fibres
- polymer formula
- easy application and sanding
- ideal to renovate exterior walls
- resistance to weather conditions
- for interior and exterior use

PRODUCT DESCRIPTION

ACRYL-PUTZ® FD12 FACADE is powder finish putty manufactured on the basis of white cement with an additive of refining agents. Features excellent adhesion to mineral substrates as well as resistance to weather conditions. Thanks to cellulose fibre content and polymer formula the product features enhanced resistance and optimal elasticity. Due to its properties, it's intended for exterior walls and ceilings in order to fill in holes, cracks as well as eliminate porous surfaces and other imperfections. Contains hydrophobic agents which prevent moisture penetration, thus can be used in areas where high air humidity occurs i.e. saunas, bathrooms etc. Walls and ceilings, after applying the putty, obtain ideally smooth and easy to paint surface.
ATTENTION: do not apply as a finishing coat in External Thermal Insulation Composite System.

USE (PURPOSE)

Intended for concrete, cement as well as cement and lime substrates.

PRODUCT PROPERTIES

Consumption time approx. 180 minutes
Adhesion ≥0,3 MPa
Compressive strength ≥5,5 MPa
Tensile strength ≥10 MPa
Application and substrate temperature from +10ºC to +25ºC.

APPLICATION

Substrate preparation
• Substrate intended for finish putty application must be solid, dry, as well as grease, loose plaster particles, dust and dirt free
• Fill in any cracks by taking advantage of levelling mortar Acryl Putz LT22 Light or Acryl Putz FX23 Flex
• Larger holes (exceeding 3 cm), can be filled in with adhesive mortar by following general construction principles
• To strengthen the substrate prior to putty application it's recommended to use: ACRYL-PUTZ® GP41 POLYMER PRIMER
• ACRYL-PUTZ®GP41 - Deep Penetrating Polymer Primer or ACRYL-PUTZ®GU40 Universal Polymer Primer, depending on substrate absorption

Product preparation
• Put the putty in powder form into a container with water, ratio 1kg of putty per 0,35L of water, and mix
• Mix the content of the container carefully, it's recommended to take advantage of low-speed electric agitator, till obtaining uniform and easy-to-apply consistency
• After approx. 10 minutes, mix the product again.
• To increase putty adhesion, it's recommended to add to water approx. 40-50% of
ACRYL-PUTZ® GU 40 UNIVERSAL POLYMER PRIMER
• Ready-to-use putty can be applied from 2 to 3 hours at temp. +20°C (higher temperature results in shorter time of application)

Putty application
• Apply coats of approx. 3mm thickness with a putty knife, stainless steel or plastic trowel (subsequent coats after drying the previous one), or local holes up to 3 cm thickness
• Dry surface must be abraded by sandpaper or mesh and dusted off. Recommended sandpaper grit size - 100
• Apply silicate paint after min. 5 days or other paints after min. 4 weeks

ADDITIONAL INFORMATION
• Avoid application in direct and strong sunlight, wind, rain or when the temperature is to drop below 0°C within 7 days after performance
• Do not apply as a finishing coat in External Thermal Insulation Composite System.

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• Application temperature between +10°C and +25°C.
• Protect against moisture
• Store and keep in dry area

PAINTING PARAMETERS FOR PARTICULAR METHODS

APPLICATION METHODS	APPLICATION PARAMETERS			
	mixing ratio with water	open time [min.]	thickness of one coat [cm]	recommended number of coats
metal trowel, putty knife	0,35l of water per 1kg of putty	120-180	to 3	to fill in holes

BEST BEFORE DATE

12 months from the date of manufacture

CONTAINERS

2kg, 5kg, 20kg

EFFICIENCY

depending on coat thickness - approx. 1.5 kg/m2 with 1mm coat thickness

COLOURS

white

STANDARDS, TESTS AND CERTIFICATES

EN 998-1
General purpose plaster mortar (GP) for interior purposes
Reaction to fire: Class A2-s1,d0
Adhesion: ≥0,3 N/mm² – FP:B
Water absorption: W2
Water vapour permeability: μ ≤ 10
Thermal conductivity λ10,dry 0,54 W/m·K (Values acc. to tables)
Durability - frost resistance - weight loss: 0%
Durability - weight loss - decrease of tensile strength: ≤ 3%
THE DECLARATION OF PERFORMANCE NO. 02/FD12/2013

FIRE AND HSE RECOMMENDATIONS

ATTENTION!

The information included in the technical data sheet is to provide an efficient use of the product, however, it cannot form grounds for the

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manufacturer’s liability, since the performance conditions are beyond its control. It’s forbidden to make any adjustments to the product’s formula, which can significantly decrease the properties of the used material. In the event of combining the product with other products, the manufacturer shall not bear any responsibility. All the information above is given in good faith, based on current knowledge and experience. The manufacturer reserves the right to amend the content of subsequent editions without the obligation to inform its customers.

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