TECHNICAL SHEET 02-04-ENG
PRIMERS

MARKpro GRUND

PRIMER FOR PASTY MARKpro MORTARS

1. Description, use

MARKpro GRUND is a primer with fine quartz sand, intended for façade wall surfaces fasadne and primer mortars in heat-insullation systems, before rendering MARKpro decorative mortars.

MARKpro GRUND is intended for underpainting of foundation; it enables equalized tone of mortar, equalization of absorption of the foundation, increased waterproofing and impregnation of the foundation for better mortar adhesion.

2. Packaging

Plastic containers, 25 kg:

- White
- Other colors in accordance with MARKpro tone chart
- Under certain conditions, it is possible to supply the product in custom shades based on special requests of customers

3. Technical information

Density (kg/dm^3)		1,41-1,45kg/dm^3
Drying time T = +20 ºC, rel. air humidity = 65 % (hours)	Dry to touch	~ 2
	Ready for further processing	4 to 6
Content of readily volatile organic substances (VOC) (g/l) EU VOC (cat. A/g) 30 g/l (2010)		max. 1

Main ingredients: polymer binder, fillers, pigments and additives

4. Surface preparation

The surface should be hard, dry and clean – without loose particles, remains of formwork oils, grease and other impurities.

Specifically, for very soiled façade surfaces and all concrete surfaces contaminated with wall mold and algae, we recommend washing under a stream of hot water and steam, after which the surface must be disinfected with suitable disinfectant s intended for this purpose.

Before applying MARKpro GRUND to newly novo rendered mortars in normal conditions (T = +20 ºC, rel. air humidity = 65 %) , it should be left to dry for at least 1 day for every 1mm of thickness, and for concrete surfaces at least 1 month. When renewing painted surfaces, it is necessary to remove all loose parts of coat that are readily soluble in water.

5. Preparation

Before use, MARKpro GRUND should be well mixed in original packaging and, if necessary, it can be diluted with maximum 2.5 l of water.

MARKpro GRUND should be prepared in such quantity that is necessary for the covering of individual façade surface. The quantity can be calculated by determining surfaces of separate parcels, which are then multiplied with average consumption of MARKpro GRUND, or by determining the consumption in the specific case by performing a test on a sufficiently large surface.

6. Application of primer

MARKpro GRUND is typically applied with a paint brush that is suitable for painting with dispersion paints or long-threaded fur paint rollers (18-20mm fiber length, natural or artificial fur and textile synthetic fibers, e.g. polyamide, polyester, nylon, dralon,

vlestan and perlon) in a single coat. When using a paint roller, appropriate strainer should be used.

MARKpro GRUND should be applied to individual parcels from one end to the other without interruption. The product should always be applied to inaccessible places (e.g. edges, corners, grooves, narrow jambs, etc.) with paint roller or by spraying before applying the product to other surfaces, by using a suitable brush or modified roller.

Using MARKpro GRUND is possible only in suitable micro-climate conditions. Temperature of air and surface should not be lower than +5 ºC or higher than +35 ^{0}C and relative air humidity should not be higher than 80%. Façade surfaces should be protected from the sun, wind and precipitation with curtains, but despite such protection, the application should not be conducted during rain, fog or strong wind (≥30 km/h).

Approximate, i.e. average consumption depending on adhesion and coarseness of surface:	
MARKpro GRUND	150 – 200 g/m^2

7. Work safety and health, handling of waste, cleaning of tools

The tools must be thoroughly washed with water immediately after use, dried stains cannot be removed.

Unused compound (only undiluted) should be tightly closed in original packaging and preserved for possible later use.
Unused liquid remains should not be disposed in drains, water surfaces, and natural environment, and should not be disposed together with household waste. O The remaining part should be mixed with cement (we can add other solid waste from mortaring, sand, sawdust) and the remains hardened in this way should be disposed to landfill for construction (waste classification number: **17 09 04**) or landfill for communal waste (waste classification number: **08 01 12**).

Cleaned packaging can be recycled.

8. Work safety

During work, it is necessary to comply with general instructions and regulations related to safety during construction, i.e. painting works.
In case of contact with eyes, rinse immediately with water.

9. Storing, conditions for transport and shelf life

Storing and transport at temperature from +5 ºC to +25 ºC, protected from direct sun, out of reach of children
MUST NOT FREEZE!
Shelf life when stored in original, closed and undamaged packaging: 12 months.

10. Quality control

Qualitative characteristics of the product are determined in internal product specifications and Serbian, European and other standards. We are continuously verifying the achievement of the declared or prescribed level of quality on our own laboratories, at Institute IMS Ad Beograd. In product manufacturing, we strictly comply with Serbian and Serbian standards in the area of environmental protection and ensuring protection of health and safety at work.

11. Other information

Technical instructions in this brochure are provided on the basis of our experience and with a goal to obtain optimum results during use. We do not bear any responsibility for damages caused as the result of incorrect use of product, because of improper use or poor quality workmanship.

This Technical Sheet supplements and replaces all previous editions, we reserve the right to possible subsequent amendments.

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