

AKRIL EMULSION

Acrylic Primer and Plasticizing Compound

JUBOSIL G

Silicone Primer

JUBOSIL GX

Silicate Primer and Thinner

UNIGRUND

Acrylic Slurry Prime Coat

JUBOSIL EX

Equalizing Silicate Coarse Primer

JUKOL

Water-Based Deep Primer

JUBOSIL GF

Adhesion Improving Undercoat

General Description and Fields of Application

Primers (key coats) are designed to provide adequate adhesion between the surface and subsequent topcoats. Primer equalizes the absorption of the surface, binds dust particles that cannot be removed by cleaning, and improves adhesion. It can also harden the surface. Primers are not independent coatings; they are always used as a first coating in the coating system.

Composition

Primers are aqueous solutions of various polymer binders (acrylic, silicates, silicones) and mineral fillers or aggregates and special additives.

Primer Application

Primers are usually applied in one layer with brush. Only by way of exception, roller or spray can be used.

ATTENTION! Prior to application of JUBOSIL G, GX and EX, protect window glasses, door frames and window shelves thoroughly. **Eventual stains cannot be removed.**

AKRIL EMULSION is a primer, for all types of mineral surfaces, intended as prime coat before applying acrylic facade paints and interior paints, before applying leveling compounds and thin-layer mineral and acrylic decorative wall coatings, before applying majority of construction

adhesives. It must be stirred well, and thinned with water in ratio 1:1 before use.

Consumption: App. 100 g/m² (data for un-thinned coat and fine-grained surface with normal absorption).

AKRIL EMULSION is also a plasticizing compound to plasters (component B) while preparing two-component products: VALIT and JUBOLIN F. It is also used as additive to some of the classic and also industrially prepared mortar mixtures (RENOVATION MORTAR) to improve technological properties and to prepare the adhesive bond between old and new concrete.

ADHESIVE BOND is a pasty compound, which is made by mixing slightly thinned AKRIL EMULSION (AKRIL EMULSION : water = 2 : 1) with mixture of cement and river sand or fine sand (0.3mm) (cement : river sand = 1 : 1 – 1 : 2). Added quantity of cement and river sand should still allow compound application on contact surface with a brush. Compound must be applied to freshly impregnated (AKRIL EMULSION: water = 1 : 1), surface of the old concrete that is still wet and was already once impregnated with the thinned AKRIL EMULSION (1 : 1 with water), at least 12 hours before application of the adhesive bond.

JUBOSIL G is water-based silicon resin emulsion primer for all types of mineral (especially façade) surfaces (fine lime, lime-cement or cement plasters, concrete, gypsum-cardboard, fiber-cement boards) intended for undercoat before applying silicone-based paints and decorative plasters.

JUBOSIL G must be stirred well, and thinned with water in ratio 1:1 before use.

Consumption: App.100 g/m² (data for un-thinned coat and fine-grained surface with normal absorption).

JUBOSIL GX is a potash water glass (potassium silicate) and organic additives-based primer for mineral surfaces intended for undercoat before applying silicate-based paints and decorative plasters. It is also used for thinning silicate-based paints and plasters.

JUBOSIL GX must be stirred well, and thinned with water in ratio 1:1 before use.

Consumption: App.100 g/m² (data for un-thinned coat and fine-grained surface with normal absorption).

JUBOSIL EX is micro-reinforced (synthetic fibers) and quartz sand filled primer based on potash water glass (potassium silicate) and acrylic binders.

It is suitable for coating hairline cracked fine plasters or rustically structured and uneven (patched) surfaces) before applying micro-

reinforced (REVITALCOLOR SI and AG) and other paints. The primer can effectively cover app. 0,3 mm wide cracks. JUBOSIL EX must be stirred well before use and if necessary thinned with JUBOSIL GX up to 10%.

Consumption: 300 to 600 ml/m²

UNIGRUND

is water based acrylic slurry prime coat with a low odour formulation free of ecologically harmful and health hazardous ingredients. It is suitable as a coarse undercoat in the JUB ETICS Jubizol and on smooth, flat surfaces such as concrete, fibre cement and gypsum-

cardboards, old coats of dispersion paints prior to application of decorative renders of all types (mineral, acrylic, silicate, silicone). It is not suitable for lime plasters/renders and surfaces pre-coated with oil paints and enamels. This prime coat improves surface's roughness and assures better adhesion of render, applied later. Thinning: up to 5% with water. Drying time: at least 12 hours (T = +20 °C, R.H. = 65 %). We apply it with a brush, usually in one layer.

Colour shades: white, could be tinted (JUMIX system).

Consumption: app. 150 – 200 g/m², depends on coarseness and absorption of the substrate.

JUKOL is water based mixture of acrylic binder and silicon microemulsion. It is a deep primer used for all types of mineral (particularly façade) surfaces. Because of deeper surface penetration forms in combination with acrylic and silicone façade paints and plasters, thicker water repellent layer. It is not intended for silicate-based paints and plasters. It must be stirred well, and thinned with water in ratio 1:1 before use.

Consumption: App. 100 ml/m² (data for un-thinned coat and fine-grained surface with normal absorption).

TECHNICAL DATA

PRIMER	density (kg/dm ³)	drying time (T: 20 °C, R.H.: 65 %)		PACKAGING	STORAGE In originally sealed and undamaged packaging
		dry to recoat	protect from rainfall		
AKRIL EMULSION	app. 1,02	4 - 6 hrs.	app. 24 hrs.	Plastic container 1 kg, 5 kg, 18 kg	18 months, PROTECT FROM FREEZING, keep from direct sunlight
UNIGRUND	app. 1,20	min.12 hrs.	app. 24 hrs.	Plastic container 5 kg, 18 kg	12 months, PROTECT FROM FREEZING, keep from direct sunlight
JUBOSIL G	app. 1,04	4 - 6 hrs.	app. 24 hrs.	Plastic container 5 l	
JUBOSIL GX	app. 1,05	min.12 hrs.	app. 24 hrs.	Plastic container 5 l	
JUBOSIL EX	app. 1,54	min.12 hrs.	app. 24 hrs.	Plastic container 5 l	
JUBOSIL GF	app. 1,65	min.12 hrs.	Only inside	Plastic container 5 l	
JUKOL	app. 1,0	min.12 hrs.	app. 24 hrs	Plastic container 5 l	

Waste Handling

Liquid waste: **EWC: 08 01 12.**

Liquid waste must not be disposed together with domestic wastes, poured into water or in sewage system.

After hardening deposit as a construction waste:

EWC: 17 09 04

Packaging may be recycled after appropriate cleaning.

Tool Cleaning

After use of water-based primers, clean the tools immediately with water.

Safety at Work

Consider general instructions and regulations for construction and painting works. Special protecting means and measures for work safety, when using water-based primers, are not necessary.

In case of contact with eyes, rinse immediately with plenty of water. If swallowed seek medical advice immediately.

Health Hazards

Based on researches at the Institute of Public Health in

Maribor, the dried coats of PRIMERS are not hazardous to health. They fulfill the basic criteria of low emission wallpaints RAL- UZ 102.

Certified Quality System and the Environment

ISO 9001 and ISO 14001.

Factory production control and occasional testing at various independent professional institutions, home and abroad.

Technical instructions in this brochure are based on our experiences and are given as a guideline for achieving optimal results. We cannot take any responsibility for the damage, caused by incorrect choice of the product, incorrect use or unprofessional work. We reserve the right to change the technical data of our products without notice as a result of our own development work or as a result of other technical progress. This technical sheet supplements and replaces all preceding editions.
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