PLASTERPAINT COLOURED

Coloured water-repellent and breathable liquid finish for outdoor applications

Coloured liquid coating for exteriors, water-repellent, breathable, based on potassium silicate, calcareous sandstone and natural pigments, used as protective finish for external facades (grain size 0,06 - 0,1 mm). It is ideal to finish thermo-acoustic plaster made of Diathonite, as it prevents the absorption of meteoric water by the masonry.

BENEFITS

- Quick and easy to apply
- Breathable
- Fibre-reinforced
- Water repellent
- High resistance to weathering and UV rays
- Non-damaging
- Solvent free product.

YIELD

0,50 kg/m²

1 gallon covers about 125 ft2.

COLOUR

Custom colours as per the NCS system.

PACKAGING

25 kg (4.4 gal U.S.) plastic bucket. Pallet: 48 buckets (1200 kg || 211.2 gal U.S.)

APPLICATION FIELDS

Coloured liquid coating ideal for the decoration of facades and walls and for the coating of thermal coats made with Diathonite products in combination with *Argatherm. Plasterpaint Colorato* is designed to coat old paints and dry, compact, absorbent and cohesive mineral coatings. It can be applied on old and new plasters. Product for indoor applications.

STORAGE

Store the product in its original containers tightly closed, away from sun, water and frost, and kept at

temperature higher than +5°C / +41°F. Storage time: 12 months.

PREPARATION OF THE SUPPORT

The support must be completely hardened and solid. Apply on sufficiently mature and adequately shrinked supports. The surface must be thoroughly clean, dry, well consolidated, without crumbling and inconsistent parts and perfectly levelled. In order to avoid possible cracks on the smoothing product, it is advisable to apply the paint within 30 days from the end of the smoothing process, and in any case before the winter season.

MIXING

Dilute with 10-20% water. Mix the mixture with a drill mixer before application. The water indicated on the packaging is indicative. A more or less fluid product can be obtained depending on the application to be carried out. Never add external components to the mixture.

APPLICATION

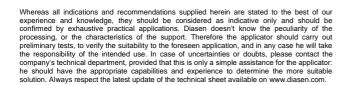
1. Apply the fixative impregnator *D20* with a brush or roller. This compound allows for less consumption of topcoat, as it makes the substrate smoother and less absorbent, improving adhesion and durability of the paint.







FINISHES - liquid





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- When D20 has completely dried out, apply a first coat of Plasterpaint Coloured with a brush or short-hair roller and wait for it to dry completely. In case of rain on a product that is not perfectly dry, carefully check the suitability for the subsequent coating.
- **3.** Apply a second coat of *Plasterpaint Coloured* until the substrate is completely covered. If applied on particularly absorbent substrates, a third coat may be necessary. For a better result and a more homogeneous coating, it is advisable to cross-coat.

DRYING TIME

At a temperature of 23 °C and relative humidity of 50% the product dries completely in 3 hours.

 Drying times are affected by relative humidity and temperature of the environment, and can also vary significantly.

SUGGESTIONS

 Do not apply at environmental temperature or at support temperature lower than +5°C (34°F) and higher than +35°C (95°F).

- During summer season, apply the product in the cooler hours of the day, away from sunlight.
- Do not apply with imminent threat of rain or frost, in conditions of strong fog or with relative humidity higher than 70%.

CLEANING

The equipment used can be washed with water before hardening of the product.

SAFETY

While handling, always use personal protective equipment (PPE) and respect the instructions described in product safety data sheet.





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^{*} These data, even if carried out according to regulated tests are indicative and they may change when specific site conditions vary.

Technical Data [*]					
Features		Unit			
Yield	0.5 kg/m ² 1 gallon covers about 125 ft ²	kg/m²			
Aspect	liquid	-			
Colour	Custom colours as per the NCS system	-			
Dilution	10-20% clean water	-			
Consistency	liquid	-			
Waiting time between the 1 st and 2 nd coat (T=23°C ≈ 73.4 °F; R.H. 50%)	3	hours			
Application temperature	+5 / +35	°C			
Maximum humidity	+41 / + 95 70%	°F -			
Drying time (T=23°C ≈ 73.4 °F; R.H. 50%)	3	hours			
Working temperature	-15 / +40	°C			
	+5 / +104	°F			
Storage	12 months in original container and in dry places	months			
Packaging	25 kg buckets	kg			
	4.4 gal	gal			

^{** 1680} hours of accelerated ageing corresponds to approximately 10 years. This correspondence is purely indicative and may vary considerably depending on the climatic conditions of the place where the product is used.

Final performances		Units	Regulations	Results
Water vapour transmission rate	651 g/m ² in 24 ore	g/m²	UNI EN ISO 7783-1:2001	-
Vapour resistance 1 mm thickness	μ = 7	-	-	Highly breathable
(Weathering Test**	1680 (>10 years**)	hours	UNI 11507:2007	Resistant
Resistance to 50 freeze-thaw cycles (-15°C/+15°C)	Unchanged	-	UNI EN 202	Unchanged
Fire Resistance	Not flammable	-	-	Not flammable















