ARSANIT®

.DLX

SILICATE-SILICONE TOP COAT

DLX T-60

2016-07-04

APPLICATION/CHARACTERISTICS:
DLX T-60 silicate-silicone top coat is thin-layered, textured decorative plaster intended for the internal and external manual application. It can be used on all even mineral surfaces such as: concrete, traditional cement plaster, cement and lime plaster and others. DLX T-60 silicate-silicone top coat is particularly recommended as a finish coat for partition walls with high vapour permeability ratio, e.g. for cellular concrete walls. It is recommended for DLX Thermal Insulation Systems by Arsanit.

PROPERTIES:
Silicate-silicone top coat DLX T-60 combines the advantages of silicate and silicone top coats. It is a ready-to-use paste-like mass based on liquid glass, silicone emulsion, acrylic polymer dispersion, fillers and modifying admixtures. This product is efficient and easy to use. When dry, it makes a durable, hydrophobic coating which adheres very well to typical mineral bases. DLX T-60 forms a coat characterised by very high vapour permeability ratio which enables free transport and discharge of vapour by the material onto which the top coat has been applied. It is also resistant to washing, weather and aggressive components. In addition, DLX T-60 contains agents inhibiting the growth of fungi and mould on the surface of top coat. The DLX Thermal Insulation System by Arsanit offers a range of colours of the DLX T-60 silicate-silicone top coats available in Arsanit Colour Chart.

SUBSTRATE PREPARATION:
The substrate should be solid and even, free of coats which might weaken the adhesive properties of top coat like dust, dirt, lime, oil, grease, wax, and oil and emulsion paint residues. Old paint and plaster coats with insufficient adhesive properties must be removed and deficiencies must be filled e.g. with cement glue. DLX P-60 Primer must be always applied prior to DLX T-60 top coat in order to obtain a proper adhesive coat.

PREPARATION:
DLX T-60 silicate-silicone top coat is supplied in a ready-to-use form. It must not be mixed with other materials, diluted or thickened. Mix the product directly before use to obtain uniform consistency.

APPLICATION:
Apply an even coat of DLX T-60 silicate-silicone plaster, which should be as thick as aggregate, on the prepared base using a smooth stainless steel long float. Remove the excess product back into the bucket and mix again. Apply texture with a plastic float. For dashed top coat – apply in round movements. For pitted skin top coat – apply in vertical, horizontal or round movements, depending on the desired effect. Top coat work time (from application to floating) depends on absorption properties of the substrate, ambient temperature and mortar consistency. The maximum surface per cycle (application and floating) must be determined on individual basis (for a specific type of substrate and conditions). The material is to be applied using the wet-on-wet method. Ensure that the first coat is still wet before applying another coat in order to prevent the joint between coats being visible. Plan your work intervals using e.g. building corners and bends, under downpipes, points of contact between colours, etc. Top coat drying time is determined by the substrate, temperature and relative humidity of ambient air and ranges from 12 to 48 hours. In wet conditions and at low temperatures top coat curing time is extended. DLX T-60 silicate-silicone top coat should be applied and left to dry at ambient temperature from +8°C to +25°C (also at night).

NOTE: Use buckets with the same manufacturing batch number to avoid the differences in colouring (when using coloured top coats).

COVERAGE:

Fine finish	Consumption	Rustic Finish	Consumption
1,0	2,0 kg/m^2	-	-
1,5	2,5 kg/m^2	1,5	2,5 kg/m^2
2,0	3,0 kg/m^2	2,0	3,0 kg/m^2
2,5	3,5 kg/m^2	2,5	3,5 kg/m^2

TOOLS:
Drill with mixer, smooth steel and plastic float. Rinse the tools with water immediately after work.

DIRECTIONS:
The guidelines describe the range of product's use and advisable method of using it but it cannot replace a professional preparation for the work. The producer guarantees the product quality, but it has no influence on the conditions and method of using it.

STORAGE AND TRANSPORT:
DLX T-60 must be transported and stored in tightly sealed buckets at temperature above zero. It should be protected from humidity and frost.

DATE OF MANUFACTURE/COLOUR/GRAIN SIZE:
See the packaging.

SHELF LIFE:
12 months from the date of manufacture printed on the packaging

PACKAGING:
25 kg bucket, 24 buckets per palette, 600 kg

TECHNICAL PARAMETERS

Ingredients	Potassium liquid glass, silicone emulsions, acrylic resin dispersion, fillers, and modifier admixtures
Density	about 1.8 kg/dm^3
Application temperature	from +8°C to +25°C
Pre-drying time	about 15 min
Rain resistance	after about 24 hrs
Complete drying time	from 12 to 48 hrs
Reaction to fire	Class F
Technical specification	ETA 15/0311 dated 29/05/2015

THIS PRODUCT IS THE PART OF SYSTEM .DLX

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BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE 15/5280