ARSANIT®

.DLX

HIGH QUALITY MINERAL TOP COAT, WHITE

DLX T-10

2016-07-04

APPLICATION/CHARACTERISTICS:
DLX T-10 is a thin-layered, textured decorative plaster designed for manual, indoor and outdoor application as well as building thermal insulation systems. It may be used on mineral bases of all types, such as: cement surfaces, cement-lime or gypsum surfaces, gypsum boards, concrete surfaces and others. It is recommended for DLX Thermal Insulation systems by Arsanit.

PROPERTIES:
It is a mineral mixture of white cement and other filling materials, as well as carefully selected aggregate fractions of proper thickness. DLX T-10 is resistant to washing and contact with water because of suitable hydrophobic agents' content.

SUBSTRATE PREPARATION:
The substrate should be stable, load bearing and clear from dirt of any type. Old coats of paint or plaster of insufficient adhesion must be removed and any damaged plaster must be repaired. On surfaces of lime plaster, lime-cement, cement or concrete as well as reinforcement of insulation system DLX P-30 primer coat must be applied. Usage of DLX P-30 primer helps to significantly strengthen the substrate. It also decreases the base absorbability and facilitates rendering.

PREPARATION:
In a container mix a whole bag of DLX T-10 with measured amount of water (4.5 – 5.0 l per one 25 kg bag). Mortar must be mechanically stirred until homogenous consistency is obtained. The mortar may be applied after 10 minutes and must be used within 1.5 hour. It is recommended to stir the mortar from time to time during its application in order to unify its consistency.

APPLICATION:
Apply a grain-thick layer of top coat on prepared surface using a smooth float. Remove excess amount of mortar. Depending on conditions of application (base absorptivity, ambient temperature and mortar consistency) allow sufficient time to give the top coat the required texture using a plastic float. Shortly after, when the mortar no longer adheres itself to the float, it is possible to create a texture using plastic float held flat. Top coat may be floated vertically, horizontally, with circular movements or crossing directions which gives you the possibility to create different textures. The top coat should be applied "wet on wet" method, in order to avoid creating visible cut off lines. Plan your work intervals using e.g. building corners and bends, under downpipes, points of contact between colours, etc. Protect surface being plastered against direct sunlight, winds and precipitation during and after your work. 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-10 top coat should be applied and left to dry at ambient temperature from +5°C to +25°C (also at night). Top coated surface may be painted using facade paints after 2 to 6 weeks from plastering works finish.

COVERAGE:

Fine finish	Consumption	Rustic Finish	Consumption
1,5	2,1 - 2,4 kg/m^2	1,5	2,0 - 2,3 kg/m^2
2,0	2,8 - 3,2 kg/m^2	2,0	2,6 - 3,0 kg/m^2

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.

NOTE:
The mortar contains cement. It gives alcaline reaction with water. Protect eyes and skin. If the product gets to eyes, wash them with water and contact a doctor.

STORAGE AND TRANSPORT:
T-10 should be transported and stored in the original packaging in a dry room on pallets. Protect the product from moisture.

SHELF LIFE:
12 months from the production date.

PACKAGING: 25 kg bags, 48 bags per palette, 1200 kg.

TECHNICAL PARAMETERS

Ingredients	Portland cement, mineral aggregates, modifiers
Mixing proportions	0.18-0.2 L of water per 1 kg of the mortar 4.5-5.0 L of water per 25 kg of the mortar
Consumption time	about 1.5 hr
Application temperature	from +5°C to +25°C
Plaster open time	about 20 min
Compressive strength	CSIV (≥ 6,0 MPa)
Bending strength	≥ 3,0 MPa
Density of the dried hardened mortar	1575 ±25 kg/m^3
Adhesion to the strong substrate after seasoning cycles	≥ 1,5 MPa
Adhesion to the weak substrate after seasoning cycles	≥ 0,15 MPa
Water permeability after seasoning cycles: strong substrate	≤ 0,5 ml/cm^2*48h
Water permeability after seasoning cycles: weak substrate	≤ 0,25 ml/cm^2*48h
Freeze-thaw resistance (seasoning effect)	without changes
Reaction to fire	Class F
Water absorption	W2
Water vapour permeability coefficient	μ 15/35
Thermal conductivity coefficient	($\Lambda_{10,dry}$)≤ 0,67 W/m·K (Tabellenwert)
Durability: -Adhesion after required seasoning cycles -Water permeability after seasoning cycles	 ≥ 0,15 N/mm^2 FB:B ≤ 1ml/cm^2 nach 48h
Technical specification	ETA 15/0311 dated 29/05/2015