

Pensilan Primer

Technical Data Sheet



Product description

Penguin Penplast is an acrylic copolymer and silicon resin based emulsion that has a high durability to bad weather conditions and plays bridge role between surface and paint. It has a wide spreading function, spreads easily on the surface and gives smooth matt view.

Sphere of usage

It can be used on the surfaces like exterior wall, priming, plaster, concrete, plasterboard and betopan. The temperature of surface must be between +5°C and +30°C during application and humidity can be maximum 80%. Primer must be applied one layer and rectifier has to be used before primer application. Penguin Pengutex acrylic priming is recommended in that system. It can be thinned with maximum 20% water.

Film thickness and spreading rate

	Minimum	Maximum
Film thickness, dry (μm)	20	30
Film thickness, wet (μm)	60	85
Theoretical spreading rate (m^2/l)	8.5	12

Physical specifications

Color	White
Dry residue content (weight %)	43 \pm 2
Density (gr/cm^3)	1.26 \pm 2
Viscosity	110 \pm 5
Shine	Matt

Surface preparation

Surface must be cleaned from dust, dirt, oil substances and old paints.

Application methods

Spray	Airless spray or convention spray can be used
Brush	Appreciate
Roller	Appreciate

Drying duration

Drying duration depends on weather conditions, thickness and number of layers. In the table below, approximate drying duration is shown in different temperatures.

- Surface must be good-ventilated (Open air or free air circulation)
- Paint must be applied in recommended thickness
- Thickness must be determined according to the number of layers

Weather temperature	10°C	23°C	40°C
Top drying	6 hour	3 hour	1 hour
Full drying	8 hour	4 hour	2 hour
Second layer, minimum	6 hour	3 hour	1 hour

Storage conditions

Paint must be stored without opening in dry, cool, good ventilated places where there is not any risk for high temperature and sparks. It is recommended to mix the paint before usage.

Packing types

Paint is produced in 15 l plastic containers.

Health and safety rules

Follow the rules on the containers. Store in depots where there is not any risk for high temperature and sparks. Use in good-ventilated places. If there is a contact with paint, first clean it with proper solvent and then wash skin with water and soap. If eyes contact with paint, it must be cleaned water and doctor intervention is important.