

# Universal Primer

## Technical Data Sheet



### Product description

Penguin Universal Primer is an acrylic copolymer based primer that is durable to bad weather conditions and plays bridge role between paint and surface. It is intended as primer for Penguin Pengutex ornament systems and plays holder role with the help of special filling component. Decreases paint usage, spreads easily to the surface and gives matt view.

### Sphere of usage

It must be applied to harrowed surface and creates a surface where special ornaments can be created. The temperature of surface must be between +5°C and +30°C during application and humidity can be maximum 80%. Primer must be applied on layer and rectifiers have to be used before primer's usage. Penguin Pengutex is recommended for that system. It can be thinned with maximum 20% water.

### Film thickness and spreading rate

	Minimum	Maximum
Film thickness, dry ( $\mu\text{m}$ )	30	40
Film thickness, wet ( $\mu\text{m}$ )	60	85
Theoretical spreading rate ( $\text{m}^2/\text{l}$ )		

### Physical specifications

Color	White
Dry residue content (weight %)	55 $\pm$ 2
Density ( $\text{gr}/\text{cm}^3$ )	1.33 $\pm$ 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

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