

## Epoxy Powder Coatings

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**DESCRIPTION:** Epoxy Powder coatings, having high adhesion to the substrates and high resistance to corrosion and chemical substances, are mainly used for protective consumption. It should be mentioned that these coatings are not resistant to sun lights and chalk quickly; therefore, they are not recommended for outdoor consumption

### :AREA OF APPLICATION

Epoxy based coatings are used in industries such as automobile and accessory manufacturing, oil and gas pipelines, industrial water pipes and connections and other cases in which high chemical resistance and resistance to corrosion are demanded

### :Technical specifications

**Color:** These coatings can be produced based on a variety of tones, in accordance with customers request or RAL standards

Antique and Rough	Matte and super matte	Half-matte to gloss	<b>test</b>
µm 80-120	µm 50-60	µm 60-80	<b>Film thickness</b>
5B	5B	5B	<b>Adhesion</b>
Max 100 lb.in	Max 100 lb.in	Min 100 lb.in	<b>Impact</b>
Min 2H	Min2 H	Min2H	<b>hardness</b>
5mm >	5mm >	3mm >	<b>Mandrel bend</b>
Min 8mm	Min 8mm	Min 8 mm	<b>Cupping</b>
No blistering	No blistering	No blistering	<b>hour -500 salt spray ((fog</b>

**:Texture**

These coatings can be provided in an extensive variety of textures such as Antique texture, Crocodile skin, Rough texture and son on

**:APPLICATION DATA**

.Both Corona and Tribo techniques can be applied

**:Curing conditions**

Considering the wide variety of products, the curing conditions of each product is stated in technical characteristics of that product

**:SURFACE PREPARATION**

.Surface should be dry & free from dust, oil & etc

**:Storage life**

Under controlled conditions, these products can be kept in the storage at least for a year after their production