

PUFFIN BACKWARE STOVING

Is one component stoving paint with Silicone Epoxy resin. This product Non-stick end surface, scratch resistant. Suitable for steel, stainless steel and aluminium exposed to fire directly

1. Properties

COLOR	Limited colour available
GLOSS LEVEL	Gloss (75-85)
FILM THICKNESS, DRY (μm)	20 – 30
FILM THICKNESS, WET (μm)	70-100
THEORETICAL SPREADING RATE (M^2/L)	10-14
SOLIDS (VOL %)	30 \pm 2
DENSITY (g/cm^3)	1
FLASH POINT	36°C \pm 2%
Cured system	60 minute @250'C
Viscosity (NK2)	95-200 Sec
Voc (g/l)	425
Tinner	Puffin Tinner CK
Compatibility	Silicone – Epoxy

2. Characteristics

Recommended for stainless steel, aluminium , iron steel substrate

This product has excellent gloss, direct flame resistant, best corrosion resistant.

3. Usage

1) Surface preparation:

To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry and free from any contamination. Oil or grease should be removed

- 2) Substrate Minimum Recommended : The surface should be assessed and treated in accordance with Substrate Minimum Recommended:
 For Stainless steel: Cleanliness and surface profile corresponding to Sa 2½, Fine G (ISO 8503-2)
 Cleanliness and surface profile corresponding to Sa 2½, Fine G (ISO 8503-2)
 For Aluminium: The surface shall be hand or machine abraded with non-metallic abrasives or bonded fibre machine or hand abrasive pads to impart a scratch pattern to the surface and to remove all polish from the surface. Dry abrasive blast cleaning to SSPCSP 13/NACE No. 6.
- For carbon/iron steel substrate : Sa 2½ (ISO 8501-1)
- The surface shall be hand or machine abraded with non-metallic abrasives or bonded fibre machine or hand abrasive pads to impart a scratch pattern to the surface and to remove all polish from the surface
- 3) Application: Airless spray, airspray, brush, roller
 Spray; Recommended : Pressure at nozzle (minimum): 150 bar/2100 psi
 Nozzle tip (inch/1000): 13-19
 Filter Check to ensure that filters are clean.
 Brush Recommended : for stripe coating and small areas.
 Care must be taken to achieve the specified dry film thickness.
- 4) Thinner : Puffin CK Thinner
- 5) Drying and Curing time: 60 minute @250 'C by oven
 Heat resistance Temperature : 1000 'C
- 6) Product compatibility : Depending on the actual exposure of the coating system, various primers and topcoats can be used in combination with this product.

Some examples are shown below.

- Previous coat: Zinc rich primer stoving
- Subsequent coat: PTFE coatings or Epoxy silicone coatings

4. Precaution

- 1) Ensure to clean the surface before application.
- 2) Health and safety : Please observe the precautionary notices displayed on the container.
 Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately

3) Storage : The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care. Shelf life at 23 °C : 12Month(s)

5. Packing :

1 L , 5L & 20 L