

# BITUGRADE



## *BITUGRADE Primer D-41*

### **DESCRIPTION**

BITUGRADE Primer D-41 is a premium quality, quick drying, solvent bituminous primer conforming to ASTM D 41, used in roofing, damp proofing and waterproofing for priming prior to application of BITUGRADE waterproofing membrane.

### **FEATURES**

- Improves the bond of bituminous materials.
- Binder for dust particles.
- Surface dressing to masonry and metal surfaces.
- Conforms to the requirements of ASTM D 41.
- Water-resistant.
- Corrosion and chemical resistant.
- Penetrates and seals porous surfaces.
- Fast drying.
- Cost-effective, no heating, thinning or mixing.
- Compatible with various substrates and structures.

### **USES AND APPLICATION**

Suitable for use with asphalt in roofing, damp proofing, and waterproofing below or above ground level, for application to concrete, masonry, metal and asphalt surfaces. Also used as a primer coat to receive membranes or liquid as asphalts and asphalt products.

### **Main Uses**

The universal primer on roofs and walls made from reinforced concrete, asphalt, bricks, metal and porous substrates before applying any of BITUGRADE waterproofing sheet membranes and protective coatings.

Single coat protective coating on various construction structures and on metal structures. It can be applied on vertical and horizontal structures.

### **CLEANING**

Tools: Clean with gasoline or kerosene

Hands: Use a hand cleaner or kerosene, then use soap and water.





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## HEALTH AND SAFETY

BITUGRADE Primer contains flammable solvents. Keep away from open fire, sparks or other ignition sources. Wear protective clothing, gloves and goggles during application. Always provide adequate ventilation especially on confined areas

Fire - Flammable when wet, flash point 35°C

Skin - Avoid repeated or prolonged contact. Immediately removes oil or grease, then clean with soap and water

Eyes - Contact could cause irritation. If it happened, flush immediately with clean water

Inhalation - Can cause dizziness. Move to fresh air. If still remain, contact physician

STANDARD : ASTM D41

PACKING : 18-liter pail & 200-liter drum

## STORAGE

Store in a dry and shaded area in original packing. The container should be kept covered while working in order to prevent the evaporation of the solvent

## TECHNICAL DATA

S. No.	Properties	Typical Result		Test Method
		Min.	Max.	
1	Density @ 25° C, Kg/liter	0.8	0.95	ASTM D 70
2	Viscosity @ 25° C, cps	70	150	-
3	Saybolt Furol Viscosity @ 25° C, seconds	25	125	ASTM D 88
4	Drying Time to Touch , hrs	3.5	-	-
5	Drying Time to Through , hrs	24	-	-
6	Flash Point, T.O.C. , °C	35	-	ASTM D 3143
7	Non-volatile, % wt.	40	-	ASTM D 402
8	Volatile, % wt.	45	-	ASTM D 402
9	Penetration of Asphalt from Distillation	20	50	ASTM D 5
10	Water Content, %	0	0.05	ASTM D95
11	Coverage Rate Kg/m <sup>2</sup>	0.3	0.5	-
12	Colour	Black	-	-
13	Physical Appearance	Liquid-Viscouse	-	-

\*All values given are subj-ect to 20% tolerance.

\*As a manufacturer we may modify the above technical data sheet without prior notification.

