

# BITUPRIMER - D41

Solvent Based Bituminous Primer

## DESCRIPTION

Bituprimer D-41 is a solvent based bituminous primer suitable for general purpose roofing primer used as dressing to concrete, masonry and metal surface and as a primer coat prior to application of BITUGULF membranes.

## APPLICATIONS

- A cold applied solvent based bituminous primer
- A bituminous liquid primer penetrates deep into the porous substrates to improve the adhesion of bituminous materials that are to be applied to the substrate.
- Conforms to the requirements of ASTM D41

## DRYING TIME

- General purpose primer for concrete, masonry and metal surfaces.
- As priming coat before applying and bituminous coating
- As priming coat before applying any waterproofing membrane
- Suitable for use as primer below or above ground level



## COVERAGE RATE

Coverage rate varies from 0.3 - 0.5 kg/sq.mt depending on application method, surface properties and condition of substrates

## DYING TIME

Less than four hours, to touch depends on local weather conditions.

## APPLICATION TOOLS & EQUIPMEN

- The surface must be thoroughly cleaned and free from dust, dirt, oil, and grease
- Bituprimer D-41 should be well stirred prior to use and applied to the substrate by means of brush, roller or spray.
- After application don't leave the primer exposed for more than 12-hours, if this should be the case, apply a further coat and allow curing.
- Tools may be cleaned with any suitable solvents such as gasoline or kerosene.

## Technical Data

PROPERTIES	RESULTS	TEST METHOD
Color	Black	---
Viscosity Saybolt @ 25 °C	25 – 125 sec	ASTM D 88
Specific gravity @ 25 °C	0.958	ASTM D 1475
Solubility in trichloro ethylene	99.7%	ASTM D 2042
Density	0.85 - 0.89	ASTD D 70
Distillation volume @ 225 °C	37%	ASTM D - 402/D422
Distillation volume @ 260 °C	39.5%	ASTM D - 402/D422
Distillation volume @ 360 °C	42.5%	ASTM D - 402/D422
Asphalt residue @225 °C	63%	ASTM D -402
Asphalt residue @260 °C	60.5%	ASTM D -402
Asphalt residue @360 °C	57.5%	ASTM D -402
Water Content %	<0.3 Max	ASTM D6511/D95
Flash Point	45 OC	ASTM D 94
Drying time	8 - 12-Hours	In house
Coverage rate	0.3 - 0.5 Kg/mt2	In house
Shelf life	2-years	In house

The information given in this data sheets is the average of test of various samples conducted under lab conditions.  
\*In accordance to ASTM and UEA/C-Standards results are subjected to 5 to 20% tolerance.

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## STORAGE

- Keep the products packed in a dry place.
- Keep away from direct sunlight.
- Do not place the pallets on top of each other.



# HEALTH, SAFETY AND ENVIRONMENT

- Use only with proper ventilation.
- Avoid contact skin and eyes by careful working.
- Do not use near open flame.
- It is advisable to use goggles and gloves.
- In case of eye contact immediately wash with cold water or consult the physician

All safety measures should be observed during application. Fire extinguishers should be available on site. Care should be taken with gas, and torches should not be rested on finished surface or on any materials that can be scratched by flame or hot torch. Gloves and goggles should be worn by all workers during application.

Read, understand and follow all Material Safety Data Sheets and product label information for this product prior to use.

## TECHNICAL SUPPORT

International Insulation Company (IIC) - Bitugulf technical support team consists of expert engineers offers a comprehensive service support to specifiers, end users and contractors, and on- site technical assistance.

### INTERNATIONAL INSULATION COMPANY (BITUGULF) Factory

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Opposite of Kuwait Steel Co.

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**Note:** The technical data provided reflects typical properties based on laboratory tests and practical experience, subject to UEAtc tolerance levels. While we cannot guarantee performance under all conditions, further details are available upon request, with a standard variation of up to 20%.



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