# **PRODUCT DATA SHEET**



# **EMULBIT PRIMAL R**

# Asphalt primer solution

#### **Product description**

Emulbit Primal R is a high-quality solvent-based asphalt primer made with the addition of upgrading additives. It is used for priming surfaces prior to the application of asphalt insulation and to protect corroded concrete surfaces. The primer increases the adhesiveness and prepares substrates for the application of asphalt masses and torch-on membranes.

The most important properties

- Ready to be used ,mixing would be enough
- waterproof, directly after application it is already resistant to flowing water,
- highly-efficient, aids adhesion of the substrates to insulation layers,
- · readily penetrates surfaces,
- to be applied with a roofing brush,
- adheres very well to dry surfaces (concrete, felt, fibre cement, steel structures, etc.),
- after drying, forms a uniform, strong and flexible coating which is resistant to the effects of weather and biological corrosion.

### Recommended use

Emulbit Solvent-based Primer is a premium-quality asphalt solution recommended for:

- application of priming and base layers under Emulbit Syntetyk Klej (cold-applied asphalt bitumen) and Emulbit Syntetyk Nawierzchniowy (asphalt mass), torch-on membranes, bitumen, emulsions, masses and asphalt solutions,
- · protecting concrete from corrosion and moisture,
- application of effective damp-proof roofing systems, protection of flat roofs, concrete underlayment, cellars, washrooms, terraces, foundation strips and foundations,
- · application of anti-corrosion layers,



### **Surface preparation**

Prior to the application of damp-proof or waterproof insulation, the surface must be made level (with no cracks, defects, protruding elements) and free from any dirt which may reduce the product's adhesiveness (grease, oils, lubricants, laitance). Make all edges smooth, round off all the corners using cement mortar and install plaster coving inside joints between vertical and horizontal surfaces. Fill in any defects, joints, honeycombing or gaps. Prior to priming, fill in any irregular surfaces that have voids or protrusions with cement plaster.

### **Application**

Mix the product thoroughly prior to application. It can be applied with a brush or roller. It can also be applied using a spray gun.

### **Specification**

The product should be applied in dry conditions with an ambient and surface temperature between +5°C and +30°C. The binding time depends on the temperature (at 23°C, the drying time is approximately 2 hours and the binding process is complete after 24h) and the movement of air masses. In

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order to reduce the risk of damage to the isolated surface e.g. when backfilling the excavation or moving the soil, wait until the layers are completely dry and use special draining boards or other securing elements. Do not use the product inside rooms intended for permanent residence of people and animals and in areas used by the food industry. Do not use in direct contact with tar-based products or polystyrene. The product contains organic solvents. During product application, follow health and safety guidelines and wear protective clothing. Use the product in well-ventilated areas. Apply the product according to the best construction practices, manufacturer's instructions, standards and the relevant occupational health and safety regulations.

#### **Technical Data**

Asphalt mixtures, solvent, upgrading additives  Consumption per 1		I
layer the type of the base)  Application temperature Od +5 °C do +30 °C  Drying-up time Full bounding after ca 24 hours  Number of layers 1-3 depending on the application  Method of application Brush, roofwork brush, spray-up  Density Ca.0,9 kg/dm3  Storage Product is not sensitive to minus temperatures  Shelf life 12 months after the date of production  Packages Plastic containers 10L and 20L, drums 200L  Number of stored layers (with no spacers))	Basis	, , ,
Application temperature  Drying-up time  Drying-up time  Full bounding after ca 24 hours  1-3 depending on the application  Brush, roofwork brush, spray-up  Density  Ca.0,9 kg/dm3  Storage  Product is not sensitive to minus temperatures  Shelf life  Packages  Packag	Consumption per 1	0,4 - 0,5 kg/m2 (depending on
temperature  Drying-up time  Full bounding after ca 24 hours  Number of layers  1-3 depending on the application  Brush, roofwork brush, spray-up  Density  Ca.0,9 kg/dm3  Product is not sensitive to minus temperatures  Shelf life  Packages  Packages  Packages  Packages  2 layers (with no spacers))	layer	the type of the base)
Number of layers  1-3 depending on the application  Brush, roofwork brush, spray-up  Density  Ca.0,9 kg/dm3  Storage  Product is not sensitive to minus temperatures  12 months after the date of production  Packages  Packages  Plastic containers 10L and 20L, drums 200L  Number of stored layers  1-3 depending on the application  Brush, roofwork brush, spray-up  Ca.0,9 kg/dm3  Product is not sensitive to minus temperatures  12 months after the date of production  Plastic containers 10L and 20L, drums 200L		Od +5 °C do +30 °C
Method of application  Brush, roofwork brush, spray-up  Density  Ca.0,9 kg/dm3  Product is not sensitive to minus temperatures  12 months after the date of production  Packages  Plastic containers 10L and 20L, drums 200L  Number of stored layers  Brush, roofwork brush, spray-up  Brush, roofwork brush, spray-up  Product is not sensitive to minus temperatures  12 months after the date of production  Plastic containers 10L and 20L, drums 200L	Drying-up time	Full bounding after ca 24 hours
Method of application spray-up  Density Ca.0,9 kg/dm3  Storage Product is not sensitive to minus temperatures  12 months after the date of production  Packages Plastic containers 10L and 20L, drums 200L  Number of stored layers (with no spacers))	Number of layers	1-3 depending on the application
Spray-up  Density  Ca.0,9 kg/dm3  Product is not sensitive to minus temperatures  12 months after the date of production  Packages  Plastic containers 10L and 20L, drums 200L  Number of stored layers  2 layers (with no spacers))	Method of application	Brush, roofwork brush,
Storage  Product is not sensitive to minus temperatures  12 months after the date of production  Packages  Plastic containers 10L and 20L, drums 200L  Number of stored layers  2 layers (with no spacers))		spray-up
Storage minus temperatures  12 months after the date of production  Packages Plastic containers 10L and 20L, drums 200L  Number of stored layers 2 layers (with no spacers))	Density	Ca.0,9 kg/dm3
Shelf life  12 months after the date of production  Packages  Packages  Packages  Plastic containers 10L and 20L, drums 200L  Number of stored layers  2 layers (with no spacers))	Storage	Product is not sensitive to
Shelf life production  Packages Plastic containers 10L and 20L, drums 200L  Number of stored layers 2 layers (with no spacers))		minus temperatures
Packages  Packages  Plastic containers 10L and 20L, drums 200L  Number of stored 2 layers (with no spacers))	Shelf life	12 months after the date of
Packages 20L, drums 200L  Number of stored 2 layers (with no spacers))		production
20L, drums 200L  Number of stored layers  2 layers (with no spacers))	Packages	Plastic containers 10L and
2 layers (with no spacers))		20L, drums 200L
layers	Number of stored	2 layers (with no spacers))
Conformity with Standard PN-B-24620:1998	layers	
	Conformity with Standard	PN-B-24620:1998

### Note

This data sheet describes the application scope of the product. The work should be performed in line with the occupational health and safety regulations specified in the data sheets and packaging labelling. This data sheet supersedes all previous data sheets on this product

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