



TECHNICAL DATA SHEET

BITÜM-PR

BITUMEN BASED PRIMER

DESCRIPTION:

Polymer modified bitumen based water based primer product for bitumen-based membrane applications

APPLICATION AREAS:

Applied before bitumen-based membrane applications to foundations, curtain walls, wet spaces, retaining walls, building elements exposed to leakage water or temporary/permanent water pressure.

ADVANTAGES:

- * Provides labor and time advantage due to it's easy application feature.
- * Provides an ideal surface without shrinkage or cracks with high adhesion feature for polymer modified bitumen rubber-based membranes to be applied on it.
- * Applied cold, does not require heating or thinning.
- * Can be easily applied on vertical surfaces.
- * Solvent-free, eco-friendly.

SURFACE PREPARATION:

The application surface should be clean, sound and free from dust. Adhesion barrier materials (oil, dirt, dust, etc.) should be cleaned, cement-mortar residues etc. should be scraped. Gaps and deep cracks on the surface should be repaired with RP-1200, RP-800 or RP-MAX4 repair mortars at least 1 day before the application. If needed, surface should be cleaned with water, excess water should be removed.

PRODUCT PREPARATION:

BITÜM-PR is ready for use, there is no need a preparation for product. Before use, it should be mixed with a low-medium speed mixer until it becomes homogeneous.

APPLICATION METHODS:

- * BITÜM-PR is applied evenly to the prepared surface as the first layer with one-way movements using a brush, trowel or spraying machine.
- * After the first layer is completely dry, second layer is applied evenly to the entire surface, perpendicular to the first layer.
- * During the application, make sure that there is no space, hole or area without mortar at surface. Make sure that every mortar layer covers the application surface completely.
- * After setting time is completed, the surface becomes ready for the other bitumen rubber-based applications on it.
- * As differences in ambient and surface temperature will change the curing time of the product, make sure that the surface is completely dry before applying a new layer.
- * Ambient and surface temperature should be between +5°C and +30°C during the application.
- * Any material (water, cement, etc.) should not be added in the product.
- * The surface should be protected from sun, strong wind, rain/water and sudden temperature changes during and 24 hours after application.

SHELF LIFE:

Unopened original packages can be stored in dry (%60 R.H.) and cool (+5°C / +25°C) environments up to 12 months.

UNIT CONSUMPTION:

0,2 - 0,3 kg/m² (57,0-85,0 m² / 17 kg bucket one layer application)

NUR KİREÇ SAN. TİC. VE PAZ. LTD. ŞTİ.

Güzel Cumhuriyet Mah. Çimento Bulv. No:23 PK: 01965

Yüreğir/Adana/Türkiye

"NUR YAPI KİMYASALLARI"

POLYMER MODIFIED BITUMEN BASED PRIMER MATERIAL
FOR BITUMEN BASED MEMBRANE APPLICATIONS

pH	9-11
Color	Dark Brown/Black
Density	1000 ± 30 kg/m ³
Time For Usage / First Drying Time	1 hour
Drying Time	4-6 hours
Hazardous Substances	SDS

If any symptoms or complaints occur in all exposures, medical help should be sought immediately

Inhalation : The exposed person is removed from the environment and allowed to rest in fresh air.

Skin Contact : Skin should be washed with plenty of water.

Eye Contact : If there are contact lenses, if easy they should be removed. Eyes should be washed with plenty of running water by opening upper and lower lids for 15 min. without rubbing.

Swallow : If swallowed, mouth should be rinsed with plenty of water. Shouldn't be vomited.

