

brix-PUV-Matt/Glossy is a low viscosity, pigmented, solvent-based, aliphatic polyurethane sealer.

## Specific Gravity

1.25 g/cm<sup>3</sup> @ 25°C

## Thermal Resistance

Up to 70°C

## Viscosity

100 – 180 mPa

## Working Time

~20 – 25 minutes @ 25°C (usable working life of material following mixing and immediate spreading as per the application instructions).

## Coverage

The recommended coverage of brix-PUV-Matt/Glossy is 0.10 – 0.12 kg/m<sup>2</sup> per coat. A minimum of two coats are recommended.

These coverages are theoretical and may vary due to a number of factors including the condition of the substrate. A recommended 5% wastage addition is advised on all orders.

brix-PUV-Matt/Glossy is designed as a seal coat for industrial flooring systems where color stability and cleanability are both critical service criteria. brix-PUV-Matt/Glossy can be applied over both polyurethane and epoxy floor coating system

## Slip Resistance

Dry >40, wet (Depends on specification)

## Abrasion Resistance

Taber Abrader (1 kg Load) – 0.1 g loss per 1000 cycles

## Speed of Cure

- Light Foot Traffic – 18-24 hours
- Light Wheeled Traffic – 48 hours
- Heavy Duty Traffic – 72 hours
- Full Chemical Cure – 7 days

## Storage

All components should be stored off the ground, in a cool dry area, away from direct sunlight between 10 – 30°C

## Shelf Life

12 months in the closed original container



## Substrate Requirements

brix-PUV-Matt/Glossy is suitable for application on existing epoxy or polyurethane inter-coat layers. All substrates should be free of cracks and voids as well as free from laitance, dust and other contamination including dirt, oil, grease, coatings, and surface treatments.

## Application Instructions

### Mixing

The contents of the brix-PUV-Matt/Glossy Part A should be mixed for approximately 2 – 3 minutes.

The contents of the brix-PUV-Matt/Glossy Part B should be drained into the brix-PUV Matt/Glossy Part A component and the two materials thoroughly mixed at a speed of 350 rpm for two minutes.

The mixed liquid should then be poured into a clean suitably sized separate mixing container and mixed for a further minute.

### Application

brix-PUV-Matt/Glossy should be poured onto the surface and spread over the entire area using a squeegee and back rolled with a short-pile roller in another direction. A two-coat application is recommended.

## Overcoating

Overcoating should be carried out within 24 hours of application. If longer than 24 hours it will be necessary to lightly grind the surface by mechanical means before overcoating is carried out.

## Further Information

Information relating to the safe handling of this product can be found in the Material Safety Data Sheet. Local regulations concerning the safe handling of resin-based coating materials must be observed. Suitable protective clothing including suitable eye protection must be worn at all times.

All consumptions listed are for recommendation purposes only. Detailed application instructions and system build-up advice can be provided on request through our Technical Services team.

Brix products are guaranteed against defective material and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request