

# TECHNICAL DATA SHEET



## Description

With excellent anti-corrosion properties this primer is the perfect choice for steel and iron gutters or any other steel/iron surface. This high penetration primer is a 2 component epoxy based primer with a long overcoating window of up to 15 days meaning large areas can be treated without having to re-prime. Touch dry in 8hrs and can be overcoated in 24hrs\*. Other surfaces that can be primed using Bullet Roof ® Epoxy Primer AC include glass, ceramics, tiles, clay tiles, concrete, fibre glass, plastic, PVC and concrete. Refer to technical data sheet for details.

\*dependant on outside temperatures

## Features

- Good anti-corrosion properties
- Extra coats applicable after long time without solvent.
- Brush or airless spray applicable
- Application temperature from +5°C (substrate)
- Operating temperatures from -25°C to +110°C (in air) and +60°C (in immersion).

## Application field

Primer light colour coat 90 microns thickness. Good adhesion on different surfaces.

## Mixing

2 component compounds to be mixed prior to use. Prior to mixing the liquid components should be checked for being within temperature range of 15-20°C. Pour component B into component A, and mix for 1-2 minutes to create a homogenize mix, carefully do not heat the mixture by over mixing or mixing at high speed. Once the mix has been completed application can commence.

## Substrate Preparation

Substrates to be treated must be sound and clean and free from debris and dust, with a traction resistance to pull-off tests >1,5 MPa. Surfaces must be prepared according to their nature.

- Concrete: In case of new substrates these should also be mechanically prepared by rough milling or shot-blasting machines. The surface may be cleaned by sanding, washing with water or shot blasting.
- Steel: Surfaces must be sandblasted according to SSPC-SP10 to Sa2<sup>1/2</sup>
- Glass, ceramics, tiles and clay: clean carefully with detergents and light sanding or shot blasting.
- Fibre glass and plastic: rough the surface with sandpaper or by sanding.

## Application

Can be applied by brush or airless spray. For airless application, use 0.015" - 0.021" nozzles at a pressure of 180 bars minimum. Avoid drips and do not exceed 200 g/m<sup>2</sup> to prevent a polished surface effect that could prevent an even cycle. Wash the tools with solvent and thinner if the tools have to be used with polyurethane products after every use.

## Job-site conditions

Temperatures, atmospheric, safety and technical conditions should be thoroughly considered and checked before applications start every time and day.

## Colour and batches

Different batches should be kept for use where direct colour comparison cannot effect the final result. Patching works done at a later date, could show a colour difference and should be considered with the client before hand to avoid subsequent problems. Patch works should be done with no other batches than the one to be compared with. Eventually a part of material, batch by batch, should be kept aside for preventive caution.

## System Appearance

Systems change slightly in colour after some time. Aggregates included could show slightly after some time and due to very intensive use, this has no major effect on the performance and original texture of the floor.

## Cleaning

The systems should be cleaned regularly in order to maintain the expected performance from the flooring systems in terms of durability, safety and appearance. Generally standard cleaning including typical chemicals used for cleaning floors frequently can be used. Contact technical assistance for specific information if in doubt. Small sample testing can be useful.

A first thorough cleaning should be done after 3 days prior to final intensive use.

## Maintenance

Maintenance issues should be discussed with out technical assistance service. Advice and general durability parameters and preventive treatments is available to provide the expected long-life of the floor system.

## Health and safety

Please refer to MSDS Material safety data sheets of the products part of the system to be applied. Before applications start make sure these documents are on site.

### Technical data

<b>Colour</b>	Light grey
<b>Specific weight</b>	1.45 ± 0.03 Kg/l
<b>Mixing ratio</b>	100 parts in base weight 25 parts in hardener weight
<b>Viscosity at 22°C</b>	ISO 2431 FØ6 60" ± 60
<b>Useful lifetime at 22°C</b>	4 hours
<b>Theoretical consumption</b>	200 g/m <sup>2</sup>
<b>Thickness</b>	90 microns
<b>Dry residue</b>	81% in weight, 68% in volume
<b>Hardening at 22°C, 50% RH</b>	- dry to the touch 8 hours - new application 24 hours minimum 15 days maximum - completely hardened in 10 days
<b>Storage</b>	If the product is kept in its original sealed packaging in a dry, protected place at a temperature of +5°C to + 35°C, it will keep for 12 months.



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