

Rubberized Bituminous Emulsion

# BituCoat R10<sup>®</sup>

**ichem**<sup>®</sup>  
building solutions

## Description

The **BituCoat R10<sup>®</sup>** is a Rubberized Bitumen Emulsion combines the waterproofing benefits of bitumen with the elongation and crack bridging benefits of rubber latex.

## Key Features

**BituCoat R10<sup>®</sup>** is suitable for protect all types of concrete and many adhesive applications Tanking and waterproofing below ground structures providing and impervious membrane as a highly effective vapour sealer and curing compound.

- Water based and therefore is non-toxic.
- Protect and curing concrete surfaces.
- Excellent adhesion to substrate.
- High expansion and contraction properties.
- Improves the adhesion of bitumen based sheet membranes and coatings.
- Unaffected by high ambient temperature.
- High resistance to aggressive chemicals and salts.
- Easy to apply.



## Application Instructions

**Surface Preparation:** All surfaces must be clean, free from dust, oil and grease.

**BituCoat R10<sup>®</sup>** is used as a dampproof membrane behind retaining walls and as a damp-proof membrane for basement structures.

**BituCoat R10<sup>®</sup>** can be applied with a roofing brush, roller, squeegee, or airless spray equipment at the coverage rates recommended.

## Cleaning

Tools and equipment should be cleaned, immediately after use, with **iSolv S40<sup>®</sup>**. After the hardening, the product can be removed only by mechanical means.

## Technical Properties & Standards

<b>Density</b>	1.05 kg/Liter at 25° C
<b>Rubber Content</b>	8 % (in DFT)
<b>Coverage</b>	<u>at +25C</u> <u>0.35 – 0.40 kg/m<sup>2</sup> for 1st coat</u> <u>0.15 – 0.20 kg/m<sup>2</sup> for 2nd coat depending on substrate porosity</u>
<b>Temperature Limit</b>	5°C to 65°C
<b>Waiting Time / Overcoating</b>	Min. 2 hours (depending on temperature)
<b>Full curing</b>	7 days

## Product Information

<b>Colour</b>	brown turns to black after drying
<b>Base</b>	Rubber bitumen emulsion
<b>Packaging</b>	20,180, 200 Kg drums

# BituCoat R10<sup>®</sup>

## Storage

Store under cover, out of direct sunlight and protect from extreme temperatures. In tropical climates the product must be stored in air-conditioned environment.

## Shelf Life

Shelf life is up to 12 months when stored as per recommendations.

## Quality, Health And Safety

All products manufactured by **iChem**<sup>®</sup>, or imported from **iChem**<sup>®</sup> affiliate companies worldwide, are manufactured to procedures certified to conform to the quality, environment, health & safety management systems.

## Technical Support

For any technical support, please contact **iChem**<sup>®</sup> technical office or representatives.

