

# ChemProof 110<sup>®</sup>

## Description

The **ChemProof 110<sup>®</sup>** is a two-component cement-based multi-purpose water proofing slurry.

## Key Features

- Impermeable
- Non-toxic-suitable for contact with potable water.
- Brush or trowel applied.
- Very good adhesion to most construction materials.
- Hardens without shrinkage.
- Easy to apply.
- Excellent resistance to a wide range of chemicals.
- Non-corrosive to steel or iron & over-paintable.



## Application Instructions

**Surface Preparation:** All loose particles, laitance, dust and grease etc., must be removed prior to application of **ChemProof 110<sup>®</sup>**. Concrete must be at least 4 - 6 weeks old, depending on climate, wire-brush, sand-or water-blasted or grind substrates.

**Mixing:** Use a low speed electric drill fitted with a paint mixer a wing type paddle.

In hot weather, use cool water to bring the mixed grout temperature to <30°C.

In cold weather, use warm water to raise the mixed grout temperature to >10°C.

**Application:** While the surface is still damp (no standing water) apply the first coat and leave to harden (2-6 hours).

apply, using a short, stiff bristle brush or roller.

Where more than one coat is found necessary, to achieve the desired thickness, apply the second or subsequent coats after the previous coat has dried.

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## Technical Properties & Standards

<b>Density</b>	2.0 kg/l (mixed)
<b>Compressive Strength</b>	at +25C (28 days) 30 - 35 N/mm <sup>2</sup>
<b>Flexural Strength</b>	at +25C (28 days) 8 - 10 N/mm <sup>2</sup>
<b>Coverage</b>	<u>Depending on the type of surface to be insulated.</u> 2 : 2.5 kg/ m <sup>2</sup> for two coats.
<b>Bond Strength</b>	2 - 3 N/mm <sup>2</sup> after 28 days

## Application Properties

**Mixing Ratio** 1: 4.5 by weight

## Product Information

<b>Colour</b>	Grey and White
<b>Base</b>	Part A : liquid polymer and additive. Part B : Portland cement selected aggregate and admixtures.
<b>Packaging</b>	25 kg (A+B) (5 kg pails of component A and 20 kg bags of component B)

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## Cleaning Tools

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.

## 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.

