



Benefits of Water proofer

– In a Modern Precast Works

ARMCON
CERTAINTY: IN CONCRETE

Benefits of Water proofer in a modern precast works:

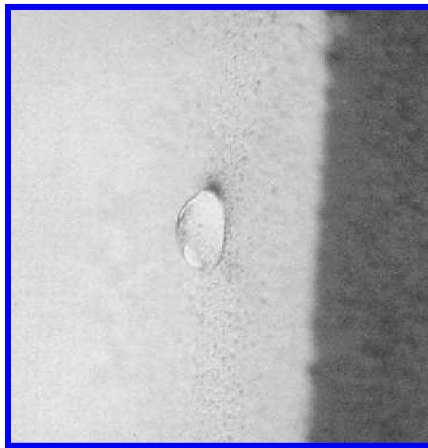
Introduction

There is a wide range of admixtures available to the pre-cast industry today but their use is often misunderstood or worse still ignored altogether.

Waterproofer is an essential admixture for a wide range of pre-cast concrete products.

Why use waterproofer?

Many architectural pre-cast products are made using a “dry-cast” process and are required to have waterproofer added to comply with building regulations. It ensures your concrete is protected from water penetrating the concrete.



Example of a product made with waterproofer demonstrating how water sits on the surface and does not soak into the concrete.

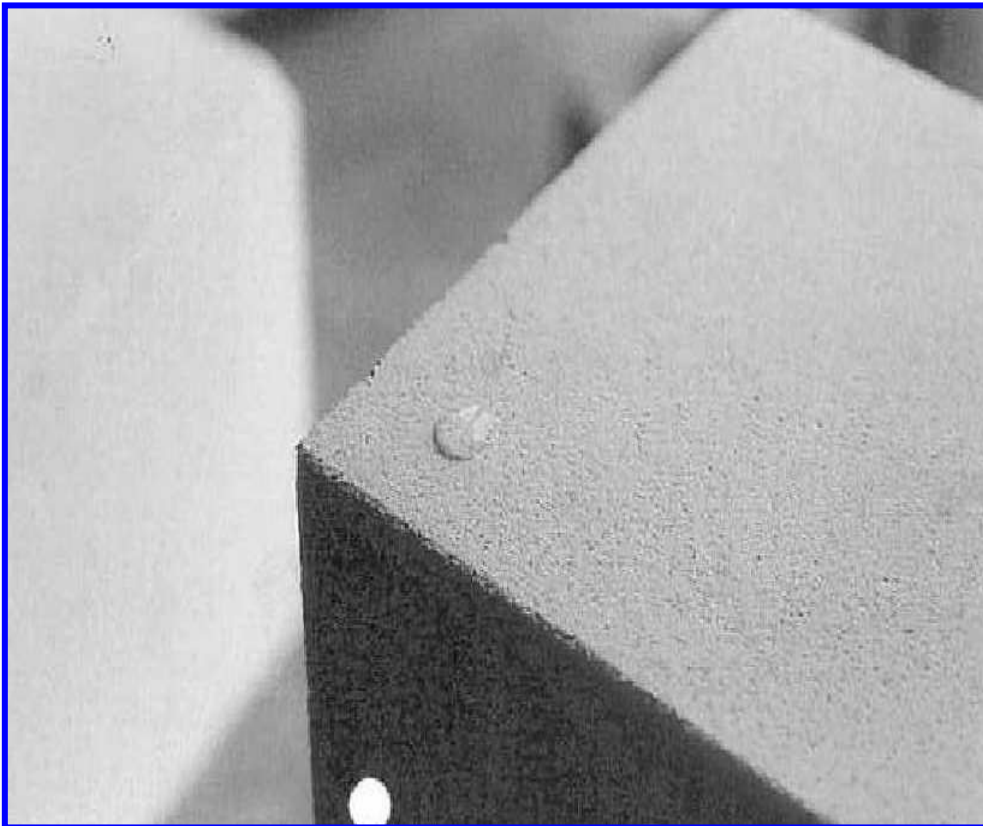
Benefits of Waterproofer

- Reduced permeability.....*less water penetration*
- Improved durability.....*increased resistance to frost attack*
- Reduced aggregate transparency effects...*product consistency*
- Improved colour retention in pigmented mixes....*higher quality*
- Reduces efflorescence effects.....*higher quality finishes*
- Hardened surface finishes stay cleaner.....*higher quality*

Typical Applications

- Paving blocks
- Concrete bricks
- Concrete blocks - dense, ash and lightweight
- Cast stone and semi-dry pre-cast concrete
- Semi-dry in-situ concrete work
- Mortars requiring permeability reduction

Warning: Never mix admixtures in the same storage tank, always keep separate until they are added to the mix.



Demonstration of reduced permeability on treated concrete