



Powder Water Retainer

POWDER SOLUTIONS

MORTAR ADMIXTURES

Powder Water Retainer is a water retaining additive for dry mix mortars. Water retainers help fresh mortar hold on to its mixing water, which improves workability, open time and adhesion and reduces the risk of premature drying on absorbent substrates.

DESCRIPTION

What is Powder Water Retainer?

Powder Water Retainer is a powder additive in the UKCP mortar admixtures range. It is blended with the sand, cement and fillers during dry mortar manufacture, so the end user only needs to add water on site.

Water retaining additives work by holding water within the fresh mortar. In the wider industry, they are commonly based on cellulose ethers, which thicken the mixing water and slow its movement out of the mortar.

APPLICATIONS

- › Dry bagged mortars
- › Silo mortars
- › Renders and plasters
- › Mortars for absorbent substrates
- › Bespoke additive packages for mortar manufacturers

KEY BENEFITS

- ✓ Designed to help the mortar hold its mixing water
- ✓ Water retention supports workability and consistency
- ✓ Water retention helps extend open time
- ✓ Supports good adhesion to the substrate
- ✓ Helps reduce the risk of premature drying on absorbent backgrounds

TECHNICAL DATA

Form	Powder
Type	Water retaining additive
Suitable for	Dry mix mortars



PACKAGING

Contact UKCP for current packaging options.

STORAGE AND SHELF LIFE

Contact UKCP for storage and shelf life guidance.

HEALTH AND SAFETY

Refer to the Safety Data Sheet, available on request from UKCP.

DOSAGE AND TECHNICAL SUPPORT

The correct dosage depends on the mix design, raw materials and performance required. Contact the UKCP technical team on 07717 707163 or sales@ukconstructionproducts.co.uk for the recommended dosage for your mix and for advice on mixing, application and product selection. Carry out trial mixes where appropriate. The latest version of this datasheet is available at ukconstructionproducts.co.uk/products/powder-water-retainer.