



Powdered Mortar Plasticiser

mixdh

Improves workability of
bricklaying and plastering mortars





The “Ultimate Concentrate”

What are the Features and Benefits of using

mixdh



Benefits to the Builder/End-User

Feature: Air Entrainment

- Increased mortar yield
- Cement saving
- Mix easier to spread
- Faster working



Benefits to the Builder/End-User

Feature: Air Entrainment

- Improved mortar durability
- Reduction in mixing water addition
- Improved mix cohesion/reduced bleed
- Improved bond



Benefits to the Builder/End-User

Feature: Air Entrainment

- Reduced absorption
- Reduced shrinkage
- Frost resistance in both wet and hardened mortar
- Reduced efflorescence
- An alternative to using lime



Benefits to the Builder/End-User

Feature: Supplied in pre-measured sachets

- Controlled dose
- No wastage
- Easy to handle
- Easy to transport and store
- Minimal hazard in use
- Minimal cost in use
- Easy display and merchandising



Benefits to the Stockist Distributor

Feature: Supplied in pre-measured sachets

- Perfect 'link sell'
1 sachet for each bag of cement sold
- Exceptional 'return on merchandising space' ratio
- Fast moving line
- Reduced warehousing
(1 bucket Mix dh v 3 pallets of lime)

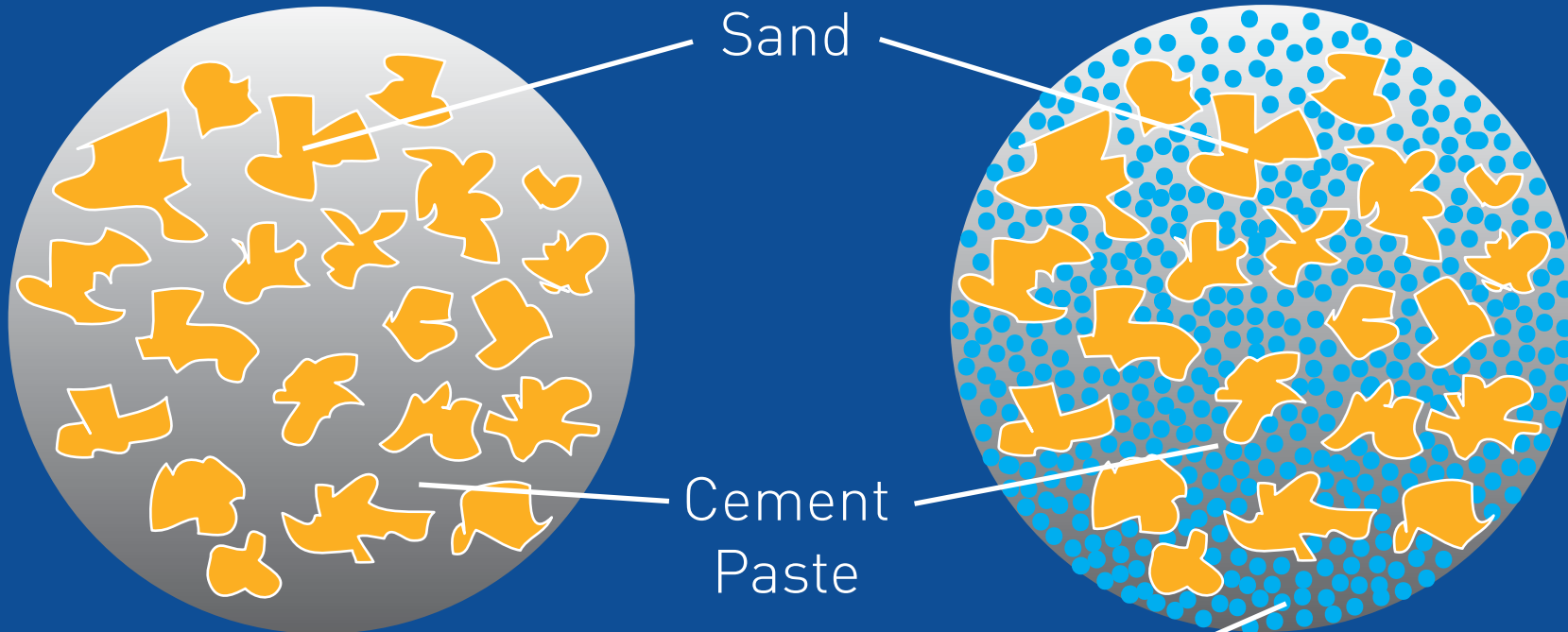
The Actions of **mixdh** in Masonry and Rendering Mortars.

The uniformly sized and spaced micro bubbles:

- Act as microscopic ball bearings to plasticise the mortar mix, whilst using the minimum amount of mixing water
- Break the capillary structure of mortar to help reduce absorption

Standard Sand : Cement Mix

Sand : Cement +



Sand

Cement
Paste

Controlled and
microscopic air bubbles

mixdh

Increases the yield of a given mix by 15-18%

Cement Saving

1 Cubic Metre of General Purpose Mortar



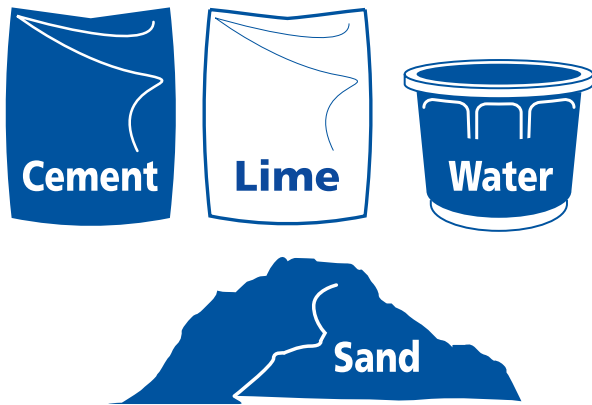
SAVING A BAG OF CEMENT IN EVERY CUBIC METRE OF MORTAR PRODUCED

Improved Yield General Purpose Mortar



USE MIX dh TO INCREASE YIELD BY 15%

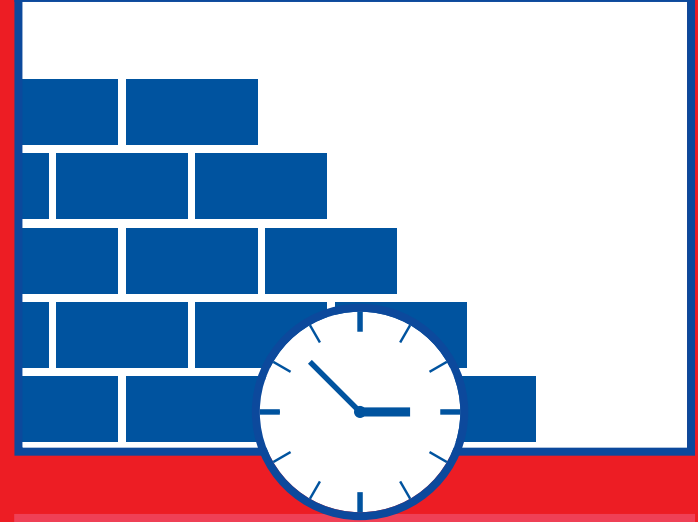
Traditional Mortar Mix



Harder & slower to mix



Time consuming



mixDH Mortar Mix

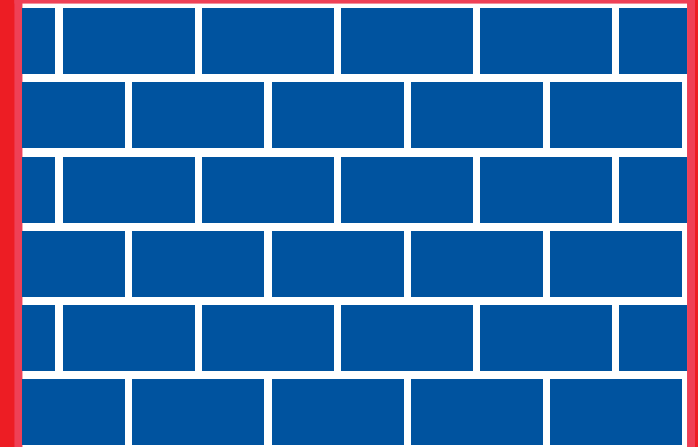


Easier to mix

Greater yield -
makes more
mortar



Easier to use - improves output



Certified Properties



EN 934 - 3T2

In accordance with Annex III of Regulations (EU) No.305/2011 Construction Products Regulation

bsi.
Certificate of Conformity of the Factory Production Control

This is to certify that: **United Building Chemicals Ltd**
Peel House
30 The Downs
Altrincham
WA14 2PX
United Kingdom

Holds Certificate No: **0086-CPR-546247**

In respect of:
EN 934-2:2009/A1:2012 and EN 934-3:2009/A1:2012
Admixtures for concrete, mortars and grout - details on page 2.

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the above construction product.
This certificate attests that all the provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above standards under system 2+ are applied and that the factory production control fulfils all the prescribed requirements set out above.

For and on behalf of BSI,
a Notified Body for the above Regulation
(Notified Body Number 0086):

Gary Fenton, Global Assurance Director

This certificate remains valid as long as the test methods and/or factory production control requirements included in the harmonised standard(s), used to assess the performance of the declared characteristics, do not change and the product(s), and the manufacturing conditions in the plant(s) are not modified significantly.

First issued: 11 June 2009 Page 1 of 2 Latest Issue: 16 October 2013

...making excellence a habit.[®]

Information and Contact: BSI, Kingston Road, Weybridge, Surrey, Middlesex TW20 0EX, UK. Tel: +44 (0)1835 550000
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W6 7AL, UK. A member of the BSI Group of Companies.

mix dh
DECLARATION OF PERFORMANCE
In accordance with Annex III of Regulations (EU) No.305/2011
Construction Products Regulation

For the product:
POWDER MORTAR PLASTICISER
Trade name:
Mix DH
No. MixDH (PMPD01)

1. Unique identification code of product type: **EN 934-3, Table 2**

2. Type, batch or serial number or other identifying mark to identify the construction product as set out in Article 11 (3):
Batch Number: Refer to Product Packaging

3. Intended use as foreseen by the manufacturer of the construction product in accordance with the harmonised technical specification:
An Embedding Plasticiser for Mortar

4. Name, registered trade name or registered trade-mark and contact address of the manufacturer as set out in Article 10 (2):
**United Building Chemicals Limited
Peel House
30 The Downs
Altrincham
Cheshire WA14 2PX
United Kingdom**

5. Where applicable, the name and contact address of the authorized representative who has received a mandate for the issue set out in Article 10 (2):
Not Applicable

6. System or systems for assessment and verification of constancy of performance of the construction product in accordance with Annex V:
System 2+

7. In the case of a declaration of performance concerning a construction product that is covered by a harmonised standard:
**The notified body
BSI
Identification Number
0086**
Has carried out initial inspection of the factory and factory production control as well as continuous surveillance, assessment and evaluation of factory production control to System 2+ and issued the following:
**Certificate of Factory Production Control
No 0086-CPR-546247**



Point of sale
and display

Improve all your cement mixes for

50p

mortar mix

Makes mortar stronger, easier to use

CE

concrete mix

Increases strength, easier to apply

Water reducing concrete plasticiser

waterproof mix

Waterproof concrete, mortar & render

Concrete and mortar waterproofer

render mix

Reduces shrinkage, improves application

Facilitates adhesion and better resistance to weather

frost & rapid mix

Prevents frost damage

Can be used with plaster

Finish the job faster • Easy to mix • Save money • No waste • Reduces CO2

Pick A Mix

Choose **only** what you use!
Use **only** what you need!

Choose **only** what you use!
Use **only** what you need!

Save on Transport • Storage • Waste Packaging • Time • Cement

Point of sale and display




Pick A Mix

www.pickamix.com

Concentrated Admixtures for Mortar & Concrete

Lime replacement

mix dh



Powder Mortar Plasticiser

IMPROVES WORKABILITY, DURABILITY AND RESISTANCE TO CRACKING AND SHRINKAGE OF BRICKLAYING, PLASTERING AND RENDERING CEMENT MORTARS

Dosage: 1 Sachet per bag of cement

Concentrated additive

Powder mortar plasticizer

Lime replacement

frost mix



Cold Weather Plasticiser

IMPROVES WORKABILITY, DURABILITY AND RESISTANCE TO CRACKING AND SHRINKAGE OF BRICKLAYING, INCREASED FROST RESISTANCE DURING SETTING


Dosage: 1 Sachet per bag of cement

Concentrated additive

Cold weather work accelerator

Lime replacement

mix dm



Powder Water Resisting Admixture

DOES NOT CHANGE THE SETTING TIME OF CEMENT. STONE WORK STAYS CLEANER LONGER. WATER PERMEABILITY AND ABSORPTION IS REDUCED

Dosage: 1 Sachet per bag of cement

Concentrated additive

Concrete and mortar waterproofer

Improves durability

mix cpr



Concrete / Mortar Plasticiser and Retarder

EXCELLENT WORKABILITY RETENTION, BRIGHTER COLOURS, IMPROVED SURFACE FINISH, REDUCES SEGREGATION AND BLEED WATER EFFECTS AND IMPROVED DURABILITY

Dosage: 1 Sachet per bag of cement

Concentrated additive

Retarder for mortar and concrete

Reduces need for water

mix beton



Water Reducing Plasticiser For Concrete

IMPROVES WORKABILITY, DURABILITY AND IMPERMEABILITY AND SIGNIFICANTLY REDUCES SEGREGATION AND BLEEDING IN THE CONCRETE

Dosage: 1 Sachet per bag of cement

Concentrated additive

Water reducing concrete plasticiser

Fast acting - finish the job faster • Easy to mix - controlled dosage • Saves water & cement - reduces CO2



Point of sale and display

Choose **only** what you use!
Use **only** what you need!

Save on **Transport, Storage, Waste Packaging, Water & Cement**



Choose **only** what you use!
Use **only** what you need!

**Pick
A Mix**

Concentrated Admixtures for Mortar & Concrete



Benefits to the Stockist

- Less stock space required - more space for other product lines.
- Minimise stockholding - improve cashflow
- Attractive higher margins over traditional admixture range
- Bar coded sachets and outer box
- High visibility assures repeat orders
- No water = lower transport costs
- Small display footprint gives Multi display opportunities

Benefits to the Builder

- Small pack size - use only what you need.
- Multi product choice, meets all site needs, for all trades
- Controlled dosage - eliminates overdosing, save money.
- User friendly packaging - one sachet - one bag of cement
- Economical - don't buy more than you need
- All products CE marked - quality tested product
- High performance, improves productivity
- Cement savings can pay for the product



Enquiries **mix uk limited** • info@mixuk.com • www.mixuk.com
St Mary's Studios, St. Mary's Road, Bowdon, Cheshire WA14 2PL
Tel: 0161 333 2512 Fax: 0161 332 1932

Product Benefits

- Mortar Mix** - Mortar plasticiser, improves workability, better output, increases mortar yield
- Waterproof Mix** - Concrete and mortar waterproofer - reduces porosity by more than 50% reduces suction in renders.
- Concrete Mix** - Concrete plasticiser, improves workability, increases strength, cement savings
- Render Mix** - Water resistance and suction reducer for renders. Reduces porosity in finished render.
- Frost & Rapid Mix** - Cold weather work and all seasons accelerator. Concrete and mortar grades.
- Slow Set Mix** - Retarder for mortar and concrete - for hot weather work and increase productivity, one mix lasts all day.

Benefits to the Environment

- Concentrated product reduces transport
- Powder product eliminates transporting water
- Waste packaging reduced by up to 90%
- No large plastic containers sent to landfill
- Reduced storage and handling - saves energy
- Cement savings = carbon savings
- Mix UK is a carbon Neutral company
- Saves water, reduces CO₂



**Marketing
Materials**

Save on Transport, Storage, Waste Packaging, Water & Cement

mixdh

www.mixuk.com