



Powdered Mortar Plasticiser

**mixdh**

Improves workability of  
bricklaying and plastering mortars





The “Ultimate Concentrate”

What are the Features and Benefits of using

**mix**dh



## 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)

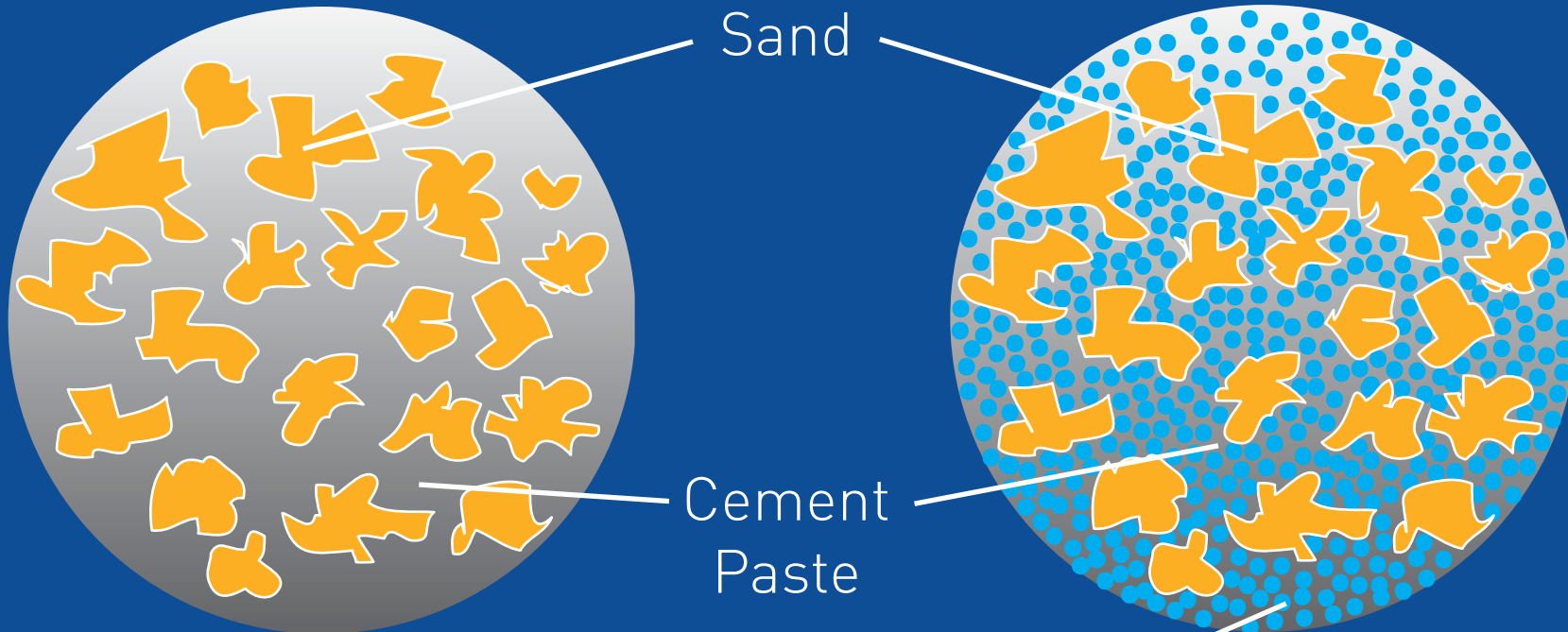
# The Actions of **mixdh** in Masonry and Rendering Mortars.

## 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

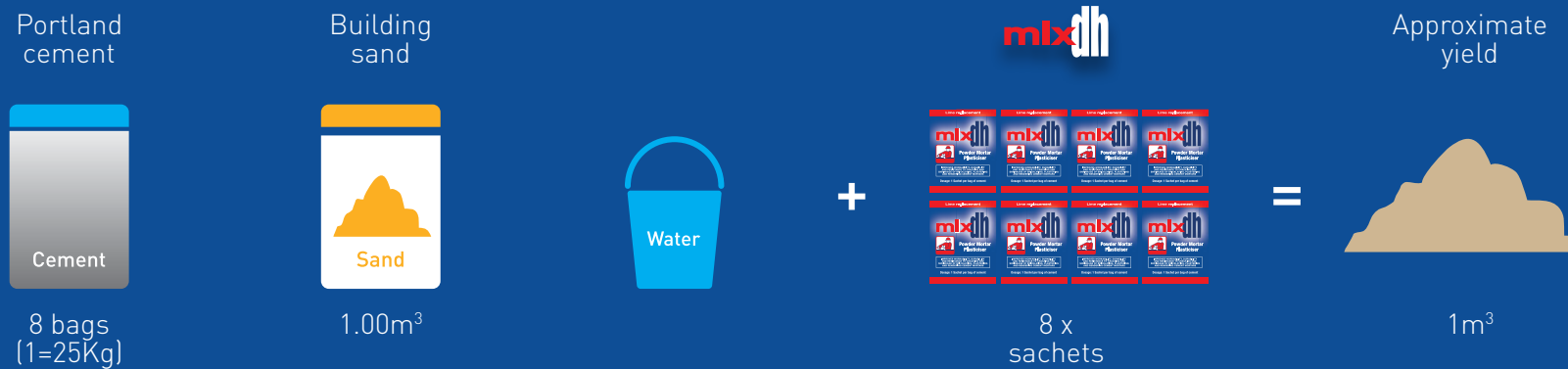
Controlled and  
microscopic air bubbles

**mix**dh

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

Portland  
cement



9 bags  
(1 = 25Kg)

Building  
sand



1.10m<sup>3</sup>



=

Approximate  
yield



1m<sup>3</sup>

Portland  
cement



9 bags  
(1=25Kg)

Building  
sand



1.10m<sup>3</sup>



+

**mix**dh



8 x  
sachets

=

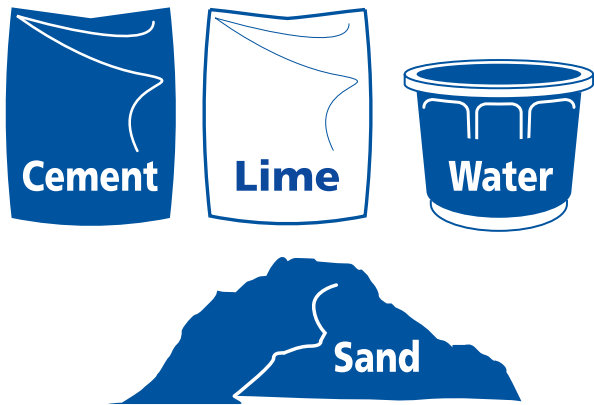
Approximate  
yield



1.15m<sup>3</sup>

## USE MIX dh TO INCREASE YIELD BY 15%

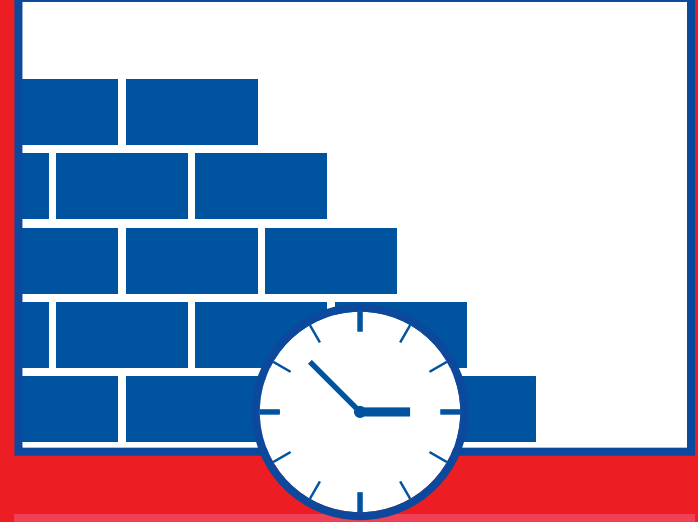
### Traditional Mortar Mix



### Harder & slower to mix



### Time consuming



### mixDH Mortar Mix

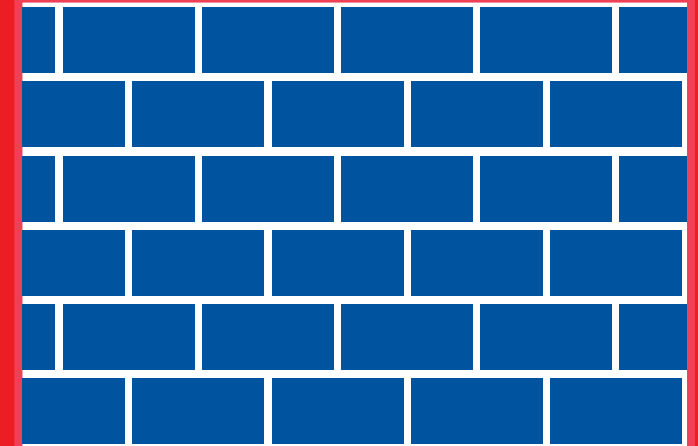


### Easier to mix

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.<sup>®</sup>

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: +44 (0)145 686 0000  
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: None 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 issues the following:  
**Certificate of Factory Production Control  
No 0086-CPR-546247**

**mix**dh

[www.mixuk.com](http://www.mixuk.com)

# mixdh

Powdered Mortar Plasticiser

Eliminates the need for lime and improves workability of bricklaying and plastering mortars



Simply add to cement and sand mix to increase your mortar yield by 15-18%



Point of sale and display

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Point of sale  
and display



**mix**dh

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