

COLOURPLAS ULTIMA

Block Processing Aid

PRODUCT DESCRIPTION

Colourplas Ultima benefits the CBP production process by improving compaction. **Colourplas Ultima** will maintain the consistency of the mix and improve the dispersion characteristics of the pigments present, providing more intense colouration. **Colourplas Ultima** effectively reduces the permeability of the concrete units leading to a reduction in the occurrence of efflorescence.

APPLICATIONS

Colourplas Ultima is used to improve compaction and handling of all dry/semi-dry concrete processes for blocks, flags, pavers and other concrete products. The improved mix properties also result in reduced machine stress and parts wear.

BENEFITS

- Improved compaction.
- Improved processing.
- Better surface finish.
- Strength increases at all ages.
- Improved colour intensity and stability.
- Reduced efflorescence.

PROPERTIES

Nature:	Liquid
Appearance:	Clear Amber
Specific Gravity: (20°C)	1.01 g/cm ³
pH:	>11.5
Chloride Content:	< 0.10
Alkali Content (Na ₂ O):	< 2.00

ADDITION RATES

Dosage rates vary dependant on mix design, process, aggregate type and the desired effect but typically:

200mls—800mls per 100kg cement

(0.20% - 0.80% by weight of cement)

The correct dosage for the material package used should be determined by laboratory trials, please contact the OSCRETE technical department for further advice.

STANDARDS

Colourplas Ultima is produced in accordance with the ISO 9001 Quality Management Standard and the ISO 14001 Environmental Management Standard.



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COMPATIBILITY

Colourplas Ultima is compatible with all types of EN 197 cement systems.

Colourplas Ultima should not be premixed with other admixtures and should be batched separately.

STORAGE

Colourplas Ultima should be protected from extreme temperature, frost and direct sunlight, the product has a minimum shelf life of 12 months.

HANDLING

Please refer to the **Colourplas Ultima** material safety data sheet but in line with normal handling procedures, personal protective equipment should be worn.

PACKAGING

200 litres drums, 1000 litre IBC's and bulk deliveries.

NOTES

Colourplas Ultima should be added with the water or at the end of the mixing process and not directly onto the cement. A mixing time of at least 30 seconds is recommended after the addition of the admixture.

If frozen **Colourplas Ultima** may be used after thawing, slowly at room temperature followed by intensive mixing.

Please consult the OSCRETE technical department for advice on admixture selection.

Disclaimer

The physical properties quoted are typical, and should not be taken as a specification. The information supplied in our literature is based on data and experience and is given in good faith. Our policy is one of continuous research and development and we reserve the right to update this information at any time; customers should therefore ensure they have the latest issue. Whilst we guarantee the consistent high quality of our products, we have no control over the circumstances in which our materials are used, site conditions or the execution of the work and are therefore unable to accept any liability for any loss or damage which may arise as a result thereof. Materials are supplied in accordance with our standard conditions of sale.

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