

# 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)	1.03 g/cm <sup>3</sup>
pH:	>11.5
Chloride Content:	< 0.10
Alkali Content (Na <sub>2</sub> 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 OCRETE 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

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.

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#### Disclaimer

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