

COLOURPLAS 393

Block Processing Aid

Description

Colourplas 393 is a specially formulated product designed to meet the requirements of the block paving industry and other dry and semi-dry concrete block manufacturers, by assisting the production process and improving the quality of the finished product. **Colourplas 393** contains an accelerating agent to improve early age strengths.

Applications

The balanced properties of **Colourplas 393** will benefit processing by improving compaction, whilst maintaining consistency of the mix, improving the dispersal of pigments thereby enhancing colour density and giving reduced permeability of the finished product, leading to a reduction in the occurrence of efflorescence. **Colourplas 393** is used to improve the compaction and handling of all dry and semi dry concrete mix processes. It is especially beneficial in the production of block paving, flags, tiles and other concrete products where an enhancement in colour and detail are required.

Benefits in Concrete

- Improved compaction
- Improved processing
- Better surface finish
- Strength increases
- Improved colour intensity and stability
- Reduced efflorescence



Properties

Nature	Liquid
Colour	Light Brown
Specific Gravity	1.04 g/cm ³
pH	>11.5
Chloride Content	<0.10%
Na ₂ O equivalent	<2.00%

Addition Rates

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

200mls - 800mls per 100 kg 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 393 is produced in accordance with the ISO 9001 Quality Management Standard and the ISO 14001 Environmental Management Standard.



COLOURPLAS 393

Block Processing Aid

Compatibility

Colourplas 393 is compatible with all types of EN 197 cement systems. **Colourplas 393** should not be pre-mixed with other admixtures and should be batched separately.

Storage

Colourplas 393 should be stored undercover and protected from extreme temperatures, if stored unopened within the range 5°C and 30°C the product will have a minimum shelf life of 12 months.

Handling

Please refer to the **Colourplas 393** Material Safety Data Sheet but in line with normal handling procedures, personal protective equipment should be worn.

Packaging

200 litre drums, 1000 litre IBCs and bulk deliveries.

Notes

Colourplas 393 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 393** may be used after thawing slowly at room temperature followed by intensive remixing.

Please consult the OSCRETE Technical Department for advice on admixture selection.

OSCRETE is a division of Christeyns UK Ltd.
Rutland Street
Bradford
West Yorkshire
BD4 7EA
United Kingdom

Telephone: +44 (0)1274 393286
Fax: +44 (0)1274 309143
e-mail: info@oscrete.co.uk
Website: www.oscrete.co.uk

PDS 6393 Rev 03 18/01/2016

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.