

COLOURPLAS 497

Block Processing Aid

Description

Colourplas 497 is a specially formulated product designed to meet the requirements of the block paving industry. **Colourplas 497** will benefit processing by improving compaction, whilst maintaining the consistency of the mix and improving the dispersion characteristics of the pigments present.

Applications

Colourplas 497 is used to improve the compaction and handling of all dry/semi dry concrete mix processes for blocks, flags, pavers, tiles and other concrete products. The improved mix properties also result in reduced machine stress and parts wear.

Benefits in Concrete

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

Properties

Nature	Liquid
Colour	Dark Brown
Specific Gravity	1.03 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
(0.2% - 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 497 is produced in accordance with the ISO 9001 Quality Management Standard and the ISO 14001 Environmental Management Standard.



COLOURPLAS 497

Block Processing Aid

Compatibility

Colourplas 497 is compatible with all types of EN 197 cement systems.

Colourplas 497 should not be pre-mixed with other admixtures and should be batched separately.

Storage

Colourplas 497 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 497** 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 497 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 497** 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 7292 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.