

# OSPAVE 180

## High Performance Compaction Aid

### PRODUCT DESCRIPTION

**Ospave 180** is an economical high performance water reducer based upon the latest generation of polycarboxylate technology, it is designed to improve both the strength and workability of concrete with minimal effect on other properties.

### APPLICATIONS

**Ospave 180** is used to improve the compaction of concrete allowing for a better finish and higher strengths, it is particularly beneficial in dry/semi-dry concrete and Hollowcore flooring.

### BENEFITS

- Increased early and final strengths.
- Good workability retention.
- Reduced shrinkage.
- Reduced permeability.
- Increased density.
- High strength Hollowcore flooring.

### PROPERTIES

Nature:	Liquid
Appearance:	Dark Brown
Specific Gravity: (20°C)	1.08 g/cm <sup>3</sup>
pH:	4.5
Chloride Content:	< 0.10
Alkali Content (Na <sub>2</sub> O):	< 1.00

### ADDITION RATES

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

200mls - 1000mls per 100 kg cement  
(0.20% - 1.00% 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

**Ospave 180** complies with the requirements of BS EN 934-2 and is produced in accordance with the ISO 9001 Quality Management Standard and the ISO 14001 Environmental Management Standard.



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### COMPATIBILITY

**Ospave 180** is compatible with all types of EN197 cement systems.

**Ospave 180** should not be pre-mixed with other admixtures and should be batched separately.

### STORAGE

**Ospave 180** 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 **Ospave 180** material safety data sheet but in line with normal handling procedures, personal protective equipment should be worn.

Refer to the Material Safety Data Sheet for full details.

### PACKAGING

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

### NOTES

**Ospave 180** 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 **Ospave 180** may be used after thawing slowly at room temperature followed by intensive remixing.

**Ospave 180** when used in slumps higher than 50mm will entrain air, trial mixes should be carried out to determine the amount of air per dose.

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

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#### Disclaimer

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