

# PRODUCT DATA SHEET

## Sika® Pile Pak

### Piling Concrete Admixture

#### PRODUCT DESCRIPTION

Sika® Pile Pak is a powdered admixture formulated for CFA piling concrete. The product incorporates HR-WR/Superplasticising and thixotropic admixtures. Sika® Pile Pak is packaged in water soluble bags to enable ease of addition.

#### USES

- Sika® Pile Pak is suitable for the production of ready mixed CFA piling concrete for addition at site or production plant

#### CHARACTERISTICS / ADVANTAGES

- Improved cage placement in dry/dense ground conditions
- Improved cohesion properties
- Improved water reduction
- Improved pumpability
- Reduced occurrences of aggregate locking during cage placement
- Reduced water loss from concrete
- Reduced segregation and bleeding
- Reduced pump blockages
- Easily dispensed

#### APPROVALS / STANDARDS

Conforms to the requirements of BS EN 934-2 Table 2 DoP 63924114, certified by Factory Production Control Body 1029 and provided with the CE mark  
DoP 55377145, certified by Factory Production Control Body 0120 and provided with the UKCA mark

#### PRODUCT INFORMATION

Chemical Base	Modified Polycarboxylate / Thixotrope
Packaging	20 x 0.600kg water soluble bags (box)
Appearance / Colour	White Powder
Shelf Life	12 months from date of production if stored properly in undamaged containers
Storage Conditions	Store in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight and frost.
Density	0.65 kg/l (at +20°C) (loose)
Total Chloride Ion Content	< 0.10% w/w (chloride free)
Equivalent Sodium Oxide	< 0.60% w/w (alkali content)
Specific Advice	Air Entrainment - Normally a minimal increase Effect of Overdosing - Increased workability and segregation

	Sulphate Content - 0.12% max
<b>Recommended Dosage</b>	1 – 2 bags per m <sup>3</sup>
<b>Compatibility</b>	Sika® Admixtures: - All Sika admixtures can be considered Other product compatibility information available on request Cements: all cements combinations may be considered
<b>Dispensing</b>	<ul style="list-style-type: none"> <li>▪ Sika® Pile Pak should be added to the mixer at the recommended dose subsequent to the batching of concrete.</li> <li>▪ Concrete should be remixed at full RPM after addition for at least 1 minute per cubic metre</li> </ul>
<b>Restrictions</b>	<ul style="list-style-type: none"> <li>▪ The standard rules of good concreting practice, concerning production as well as placing, are to be followed. Refer to relevant standards. Fresh concrete must be cured properly.</li> <li>▪ Sika® Pile Pak should not be added to dry cement.</li> <li>▪ Sika® Pile Pak should be added to mixed concrete.</li> <li>▪ When using Sika® Pile Pak a suitable mix design is required and local material sources should be evaluated.</li> <li>▪ Support from our Technical Department is recommended.</li> </ul>

## VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## ECOLOGY, HEALTH AND SAFETY

### REGULATION (EC) NO 1907/2006 - REACH

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

### LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

#### SIKA LIMITED

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#### Product Data Sheet

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