

Technical Data Sheet
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Eco-Fluid® PV 40

Water reducing and retarding concrete admixture;

Complies European Norm: EN 934-2 Table 2 & 8

Description:

Eco-Fluid® PV 40

A versatile and economical concrete plasticizer with set retarding properties.

Uses:

Eco-Fluid® PV 40 is used wherever high quality structural concrete is required. Its plasticizing effect is particularly useful where:

- Exposed surfaces are important
- Maximum performance is desired
- Placing conditions are difficult
- Poor quality aggregates are found
- High temperatures and long hauls

Advantages:

- Improved workability without increased water
- Reduced water without loss of workability
- Increases and improves surface finish strengths
- Reduced shrinkage and creep
- Chloride free does not attack reinforcement
- Increased setting times at high temperatures

Application:

Dosage:

Starting dosage 0.5- 1.2% by weight of cement.

For improved concrete in normal applications use 0.5%.

For more demanding situations use 1.2%.

Eco-Fluid® PV 40 is compatible with all types of Portland cement.

When accidental overdosing occurs, this will have the effect of extending the setting time. During this period, the concrete must be kept moist in order to prevent premature drying out.

Contact **The Unixs®** technical department for advice on using different mixing proportions.

Mixing:

Eco-Fluid® PV 40 is added to the initial batching water.

For optimum utilisation we recommend thorough mixing at a minimal wet mixing time of 60 seconds per cubic metre.

Compatibility:

Eco-Fluid® PV 40 can be used with all types of Portland cement including sulphate resisting and all cement replacement binders as PFA and GGBH

Application Method:

Concrete should be placed according to good concrete practices and proper curing procedures should take place.

Technical Data:

Form	Liquid Aqueous Solution
Colour	Dark Brown
Density	1.18 kg/litre approx.
pH Value	6.0 ± 1.0
Solid Content	± 42
Chloride Content	No
TEA Content	No
Packaging	5 Litres, 25 Litres, 220 Litres, Bulk deliveries
Safety:	Non Hazardous Product
Flammability:	Incombustible
Toxicity:	No toxic or irritating
Regulation:	None
Recommendations:	None
Safety precautions:	Suitable gloves and goggles should be worn to prevent contact with skin and eyes. If swallowed do not induce vomiting and seek medical help. Spillage and splashes to the skin and eyes should be rinsed immediately with plenty of clean water and seek medical advise.

Storage and shelf life:

Stored in the original sealed containers in a dry area, this product will keep for at least 18 months. Protect from direct sunlight and from frost.

Always, stir vigorously before use.

Please consult our "Technical Services".

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position.

The Unixs SARLU

Votre partenaire dans le bâtiment, les produits spécialisés et le consulting

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