PRODUCT DATA SHEET

Sika® Plastiment® VZ

SET RETARDING CONCRETE ADMIXTURE

DESCRIPTION

Sika® Plastiment® VZ is a highly efficient set retarding concrete admixture.

USES

Sika® Plastiment® VZ is used as retarding admixture in concrete where a controlled extention of setting time is required.
▪ Large volume pours
▪ Long haul
▪ Avoiding of cold joints
▪ Construction joints
▪ Difficult placing conditions
▪ Elevated temperature
▪ Revibrated concrete

CHARACTERISTICS / ADVANTAGES

Sika® Plastiment® VZ provides the following beneficial properties:
▪ Increased setting time in hot weather
▪ Accelerated hardening after setting
▪ Increased ultimate strengths
▪ Long lasting control over slump loss.
▪ Better surface finish
▪ Chloride free: does not attack reinforcement

APPROVALS / STANDARDS

IS 9103, ASTM C494

PRODUCT INFORMATION

Chemical Base	Poly hydroxyl compound
Packaging	275 Kg HDPE Barrel
Appearance / Colour	Clear to yellowish liquid
Shelf Life	12 months from date of production if stored properly in undamaged un-opened, original sealed packaging.
Storage Conditions	Store in dry conditions at temperatures between +10°C and +40°C. Protect from direct sunlight and frost.
Density	~1.19 kg/l at 25°C
pH-Value	≥ 6

APPLICATION INFORMATION

Recommended Dosage	0.20 – 0.5% by weight of cement. The retardation rate achieved is directly dependent on the dosage rate which in turn is influenced by quality of cement and aggregates, w/c ratio and temperatures. It is advisable to carry out trial mixes to finalise the optimum dosage rate.
Compatibility	Sika® Plastiment® VZ may be combined with many other Sika® Products. Compatible with all types of cements and cementitious materials. Important: Always conduct trials before combining products in specific mixes and combinations.

APPLICATION INSTRUCTIONS

DISPENSING

Sika® Plastiment® VZ can be dispensed directly into the mixing water or added simultaneously into the concrete mixer.

LIMITATIONS

When accidentally over dosing occurs it will retard the setting. But the ultimate strength will not be affected, if adequate care is taken.

BASIS OF PRODUCT DATA

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.

LOCAL RESTRICTIONS

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

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