DENKA ES-L

Soil stabilization hardening accelerator

Description

Based on DENKA ES, **DENKA ES-L** is a revolutionary grout hardening accelerator that has a gelation time of approximately 10 minutes when used with cement.

Features

- Inorganic material composed of cement minerals
- Excellent permeability in combination with fine cement or super fine cement
- Gelation time can be controlled by using DENKA SETTER D-300 without change in strength
- Seawater useable in the cement mix
- · Excellent durability, non-leaching

Applications

- · Permeation grouting
- Soil stabilization
- · High strength work

Packaging

· 20kg paper bags

Shelf Life

- 8 months from production date
- Determine the production date by reference to the lot number. A lot number of "1AXXX" corresponds to production in Jan 2001; "2BXXX" to Feb 2002 and so on.

Standard Mix Proportions

Liquid A		Liquid B	
DENKA ES-L	: 50kg	COLLOIDAL SUPER	: 250kg
DENKA SETTER D-300	: Optional	FT-500	: 2.5kg
Water	: 483 liter	Water	: 414 liter
500 liter		500 liter	

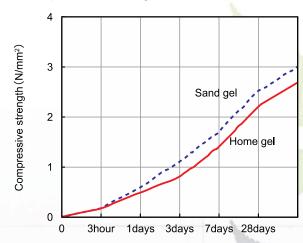
Chemical Composition

CaO	AI_2O_3	SiO_2	Fe ₂ O ₃	SO₃
41.4	21.0	5.1	1.5	29.1

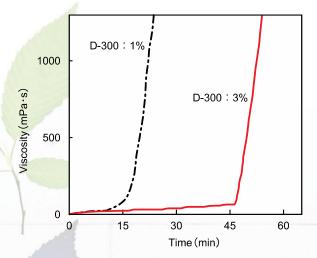


Physical Properties (on Hardening)

1) Compressive strength



2) Changing on Viscosity



Limitation of Liability

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