

SR-1000

KaO

Shrinkage-reducing Admixture for Concrete

Features

- Significant drying shrinkage reduction achievable at relatively low dosage
- Low air-entraining performance minimizes impact on concrete strength and other properties
- Low foamability allows for minimal impact on subsequent batches and facilitates remnant concrete disposal
- Reduced impact on work surroundings with minimal irritating odors
- Non-dangerous goods – no difficult handling or storage restrictions

Test Results

JIS A 6211 Specifications		≥85%		7±2%	≤120min		≤180min		≥80%		≥85%		≤70%		≤75%	
Mortar type	SR-1000 (kg/m ³)	Flow value comparison		Air vol. (%)	Setting time				Compressive strength				Length change			
					Start		End		Age 7d		Age 28d		Age 7d		Age 28d	
		mm	%		hr:min	diff. min	hr:min	Diff. min	N/mm ²	%	N/mm ²	%	10 ⁻⁶	%	10 ⁻⁶	%
Standard mortar	0.0	180		7.2	4:15		5:50		40.3		53.8		353		703	
Test mortar	3.0	181	100	7.3	4:25	0:10	6:05	0:15	41.9	104	52.7	98	240	68	520	74
		Pass		Pass	Pass		Pass		Pass		Pass		Pass		Pass	
	4.0	180	100	7.2	4:30	0:15	6:15	0:20	41.5	103	52.1	97	226	64	500	71
		Pass		Pass	Pass		Pass		Pass		Pass		Pass		Pass	
	5.0	182	101	7.4	4:35	0:20	6:20	0:30	41.1	102	52.1	97	213	60	476	68
		Pass		Pass	Pass		Pass		Pass		Pass		Pass		Pass	

Properties & Specifications

- Appearance Colorless~pale yellow liquid
- pH 6.0~9.0
- Density (20°C) 1.007~1.027
- Freezing point -5.0°C
- Ignition point Non-determined (Non-DG)
- Standard dosage 1.5kg/m³~6.0kg/m³
- Applicable official standards JIS A 6211

Packaging

- 1000kg container / 200kg drum / 18kg drum

The information and recommendations in this publication are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purpose. For more enquiries, please contact the following.

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