

ORP[®] 7680 SL

Redispersible Powder for Self Leveling Dry-Mix Mortars

INTRODUCTION

ORP 7680 SL is a redispersible powder produced by drying an emulsion of Vinyl Acrylic copolymer with PVOH as protective colloid. The specific chemical composition of the polymer allows coalescence of the redispersed polymer at low temperatures and provides good adhesion to cementitious substrates.

ORP 7680 SL is used to modify mixtures containing hydraulic binders. Due to its particular chemical / physical composition, **ORP 7680 SL** improves adhesion, flexibility and water resistance of mortars containing hydraulic binders such as cement, gypsum or lime. Especially in self levelling mortar formulations **ORP 7680 SL** provides excellent abrasion resistance, flexural & compressive strength and good leveling.

TYPICAL PROPERTIES

Appearance	White powder
Chemical composition	VA / Acrylic Copolymer
Stabilizing System	PVOH
Residual Humidity (%)	Max. 2.0
Bulk Density (g/l)	400 - 600
Ash Content (%)	12 ± 2
Alkali Resistance	High
<u>After 1:1 Dispersion with Water</u>	
MFFT (°C)	5 ± 1

APPLICATION AREAS

ORP 7680 SL can be used between 1.5 – 4.0 % in self leveling mortar formulations. This amount of usage provides high abrasion resistance, water resistance, flexural & compressive strength. Also decreases segmentation and efflorescence.

PRODUCT HANDLING – STORAGE – SHELF LIFE

Packaging: Pallet with 18 paper bags, each 25 kg, also 500 or 1000 kg of big bags.

Packages must be stored in a dry and cool warehouse. Pallets must not be stacked on top of each other to avoid caking due to the thermoplasticity of the polymer. Packing must be closed well after usage for protection against humidity and caking. It has to be used within 6 months after the date of delivery.

Important Notice: This information is based on our present state of knowledge and is intended to provide general notes on Organik Kimya Products and their uses. It should not therefore be construed as a guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.