

ORP[®] 7365 HP

Hydrophobic Redispersible Powder for Dry-Mix Mortars

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INTRODUCTION

ORP 7365 HP is a redispersible powder produced by drying an emulsion of Vinyl Acetate / 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 7365 HP is used to modify mixtures containing hydraulic binders. Due to its particular chemical / physical composition, **ORP 7365 HP** improves adhesion, **abrasion resistance, flexibility** and **water resistance** of mortars containing hydraulic binders such as cement, gypsum or lime. Especially in the systems that require water resistance, flexibility and abrasion resistance at the same time **ORP 7365 HP** provides excellent performance.

TYPICAL PROPERTIES

Appearance	White powder
Chemical composition	VA / Acrylic Copolymer
Stabilizing System	PVOH
Residual Humidity (%)	Max. 1.5
Density (g/l)	400 - 600
Ash Content (%)	14 ± 2
Alkali Resistance	High
<u>After 1:1 Dispersion with Water</u>	
pH	8.0 – 9.0
MFFT (°C)	0

APPLICATION AREAS

Tile Grouts:

Having excellent abrasion resistance, flexibility and water resistance **ORP 7365 HP** can be used in tile grouts formulations, between 2.0 – 4.0 %.

EIFS Plasters:

Because of providing excellent water resistance, flexibility and compressive strength **ORP 7365 HP** can be used also in EIFS plaster formulations, between 3.0 – 5.0 %

Water Proofing Mortars:

ORP 7365 HP can be used in one component water proofing mortars, between 7.0 – 10.0% because of having excellent flexibility, hydrophobicity and water resistance.

PRODUCT HANDLING – STORAGE – SHELF LIFE

Packaging: Pallet with 18 or 30 paper bags, each 25 kg (450 or 750 kg) also 500 kg of big bags.

Packages must be stored in a dry and cool warehouse at temperatures between 10 – 25 °C. 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 12 months.