



Laponite® EP

**NEW
Product**

Rockwood is introducing a new grade, **Laponite® EP**, which is designed to give **Extra Performance** and enhanced rheology control under “harsh conditions”. Laponite® products are used to improve the performance and stability of a wide range of water based formulated products.

Laponite® EP is a layered silicate manufactured from naturally occurring mineral sources with a proprietary organic modification. It is particularly effective in:

- formulations with highly acidic, or with highly alkaline pH levels
- products with higher levels of dissolved salts
- formulas that require **spray-with-cling** rheology
- systems containing higher levels of water soluble organic solvents
- stabilizing suspensions of pigments and minerals

Application

Used for imparting a shear sensitive structure to water based systems, including household and industrial surface coatings, household and I&I cleansers, ceramic glazes and agrochemical, oilfield and horticultural products.

Typical Characteristics	
Appearance	free flowing white powder
Free moisture	10% max
pH (2% dispersion)	9-11
Bulk Density	900-1100kg/m ³
Specific density	2.1
Specifications can be developed to meet individual requirements	

Recommended incorporation technique

Laponite® EP must be pre-dispersed in water before addition of other formulation ingredients. The product should be added to water with rapid stirring. Continue stirring for a minimum of ten minutes. Note that **Laponite® EP** will produce gel structure in water more quickly than other grades of Laponite®. After ageing the pre-mix for a further 15- 20 minutes, other formulation ingredients can be added into the **Laponite® EP** dispersion.

Storage

Laponite® products are hygroscopic and should be stored in original packaging under dry conditions.

For more information - contact the Laponite team on help@laponite.com

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