



SLEO CHEMICALS

Manufactured with 100% quality



BRANCH OFFICE
SHANDONG SLEO CHEMICAL
TECHNOLOGY CO., LTD.

FACTORY
HEBEI SHENGLAIYOU CHEMICAL
TECHNOLOGY CO., LTD.



SLEO CHEMICALS
HPMC, MHEC & RDP

www.sleochem.com

ABOUT SLEO

SHANDONG SLEO CHEMICAL TECHNOLOGY CO., LTD. is the one and only branch office established by Hebei Shenglaio Chemical Technology Co., Ltd (hereinafter as SLEO) to expand its export business.

SLEO is among the earliest and largest manufacturers of cellulose ethers in Jinzhou, Hebei Province, the China's most productive cellulose base.

With nearly 20 years of experience, SLEO manufactures a comprehensive range of cellulose ethers and its production capacity exceeds 30,000 tons annually. It is always committed to providing innovative and sustainable solutions in the construction, paints & coatings as well as detergents industry.

With strong R&D ability and advanced manufacturing techniques, SLEO also offers mass customization to build cost-effective products that satisfy specific end-users' needs.

SLEO products are manufactured in a way that promotes environmental conservation activities while maintaining high quality. They are in compliance with the quality standards of ISO 9001, environmental standards of ISO 14001 and also REACH Regulation.

Up to now, SLEO has exported its products to over thirty countries and built a long-term business relationship with local bulk clients.

Adhering to 'Manufactured with 100% quality', SLEO looks forward to working with more and more clients all over the world.



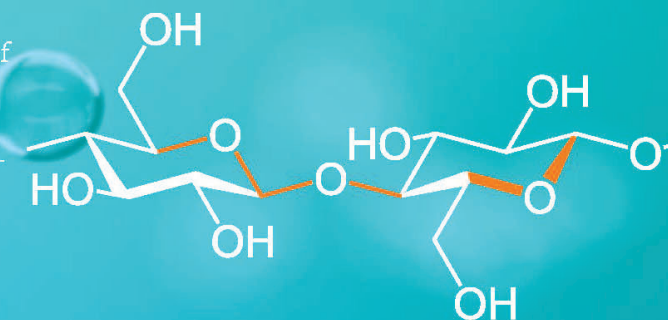
SLEO CELLULOSE

SLEO offers modified and non-modified grades of Hydroxypropyl Methyl Cellulose (HPMC) and Methyl Hydroxyethyl Cellulose (MHEC). They are derived from highly pure refined cotton and specially made of etherification under alkaline conditions. And they are slightly off-white to beige odorless and tasteless powders in appearance.

By continuous innovation, SLEO Cellulose exhibits great performance in various kinds of materials where they are used as thickening agent, water retention agent, rheology modifier, dispersing agent, binder or emulsifier.

General Properties

- Increased water retention
- Increased abrasion resistance
- Improved thickening performance
- Improved workability and consistency
- Ensured long-term stability

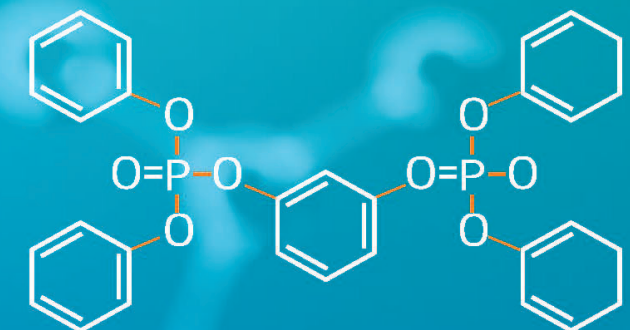


SLEO RDP

SLEO Redispersible Polymer Powders(RDP) are obtained by spray-drying vinyl acetate dispersions under carefully defined conditions and are readily dispersed into water to reform a stable emulsion. They are free-flowing white powders in appearance. SLEO RDP promotes high reliable performance in building and construction materials where they are mostly used as standalone or combined additives such as binders, modifiers.

General Properties

- Improved cohesion and adhesion
- Improved bonding strength
- Excellent flexibility
- Improved workability and consistency



Application & Grade

- Tile Adhesives
- ETICS/EIFS Mortars
- Gypsum Plasters
- Paints & Coatings
- Wall Putty
- Detergents

● Tile Adhesives



SLEO CELLULOSE

Recommended Grade	Viscosity (2%, mPa·s)	Modification	Applications	Properties
SL HP200M	approx.180000	Yes	C1/CIT/C1TE	High water retention Long open time Sufficient sag resistance Good wet adhesion
SL HP200K	approx.200000	Yes	C1/CIT/C1TE/C2T	Sufficient water retention Good thickening efficiency Good adjustment time High adhesion strength
SL MH200K	approx.220000	Yes	C1/CIT/C1TE/C2T	Excellent open time Excellent adhesive strength Perfect slip resistance Great workability

SLEO RDP

Recommended Grade	Polymer Base	MFFT(°C)	Applications	Properties
SL RD5010	VA/E	0-4	C1/CIT/C1TE/C2T	Multipurpose properties Perfect bonding strength Excellent workability Excellent flexibility
SL RD5012	VA/E	0-4	C1/CIT/C1TE	Good bonding strength Good workability Improved flexibility

● Gypsum Plasters



SLEO CELLULOSE

Recommended Grade	Viscosity (2%, mPa·s)	Modification	Applications	Properties
SL HP100WP	approx.140000	Yes	Gypsum hand plaster(GHP)	Increased water retention Optimised consistency Excellent workability Long open time
SL HP70WP	approx.80000	Yes	Gypsum mechanical plaster (GMP)	High water retention High sag resistance Easy pumpability Extremely long open time

SLEO RDP

Recommended Grade	Polymer Base	MFFT(°C)	Applications	Properties
SL RD5010	VA/E	0-4	Gypsum hand plaster(GHP) / Gypsum mechanical plaster (GMP)	Multipurpose properties Excellent adhesion Improved consistency Improved flexibility

Application & Grade

- Tile Adhesives
- Gypsum Plasters
- Wall Putty
- ETICS/EIFS Mortars
- Paints & Coatings
- Detergents

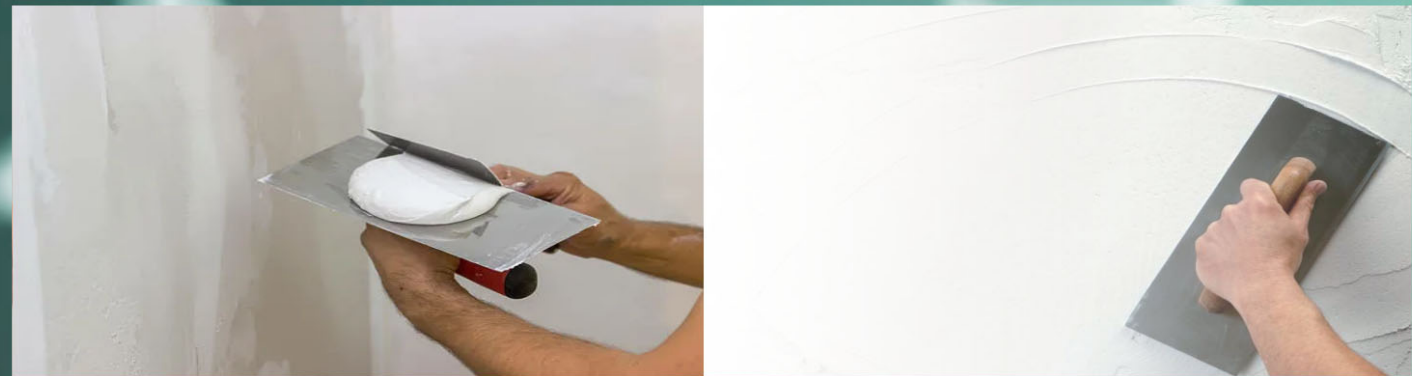
● Wall Putty

SLEO CELLULOSE

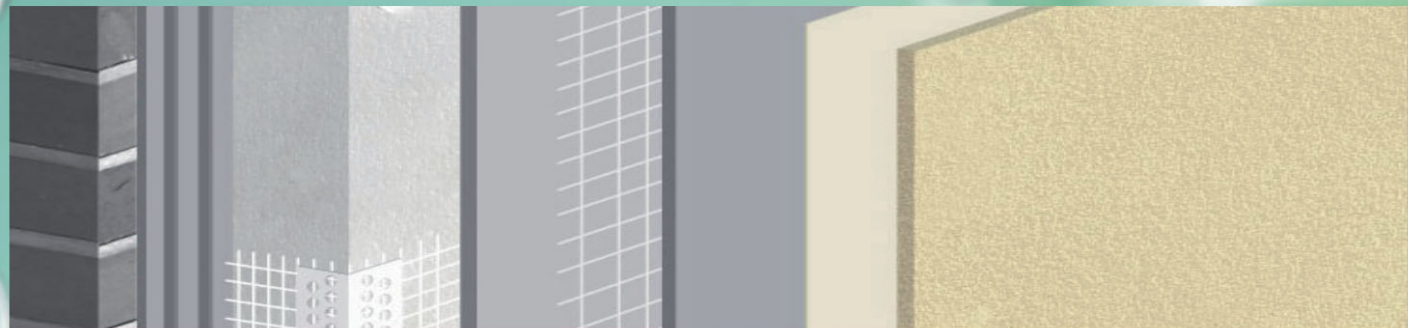
Recommended Grade	Viscosity (2%, mPa·s)	Modification	Applications	Properties
SL MH200	approx. 200000	Yes	Interior and exterior wall putty	Good slip resistance Improved workability Good thickening efficiency Improved stability
SL ME200	approx. 210000	Yes	Interior and exterior wall putty	Improved slip resistance Good thickening efficiency Excellent workability Highly cost-effective

SLEO RDP

Recommended Grade	Polymer Base	MFFT(°C)	Applications	Properties
SL RD5010	VA/E	0-4	Interior and exterior wall putty	Multipurpose properties Perfect bonding strength Excellent workability Excellent flexibility



● ETICS/EIFS Mortars



SLEO CELLULOSE

Recommended Grade	Viscosity (2%, mPa·s)	Modification	Applications	Properties
SL HP200K	approx. 200000	Yes	ETICS/EIFS mortars	Sufficient water retention Good adhesion Good thickening efficiency Highly cost-effective
SL MH45M	approx. 100000	Yes	ETICS/EIFS mortars	High water retention Increased adhesion Increased slip resistance Excellent stability

SLEO RDP

Recommended Grade	Polymer Base	MFFT(°C)	Applications	Properties
SL RD5008	VA/E	0-4	ETICS/EIFS mortars	Multipurpose properties Perfect bonding strength Excellent workability Excellent flexibility

Application & Grade

- Tile Adhesives
- Gypsum Plasters
- Wall Putty
- ETICS/EIFS Mortars
- Paints & Coatings
- Detergents

• Paints & Coatings

SLEO CELLULOSE

Recommended Grade	Viscosity (2%, mPa·s)	Modification	Applications	Properties
SL HP100S	approx.120000	No	Water based paints & coatings	Easy dispersion and dissolution Distinguishing thickening efficiency Long open time Storage stability
SL HE100K	approx.100000	No	Water based paints & coatings	Excellent thickening efficiency Easy dispersion and dissolution Extremely long open time Storage stability



• Detergents

SLEO CELLULOSE

Recommended Grade	Viscosity (2%, mPa·s)	Modification	Applications	Properties
SL HP 200S	approx.180000	No	Liquid detergents	Increased thickening efficiency High compatibility Excellent consistency Improved stability





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A background image featuring a molecular structure with several spheres connected by lines, set against a green-to-white gradient. The spheres are rendered with a glass-like effect, showing reflections and refractions.

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