

Guide Formulations

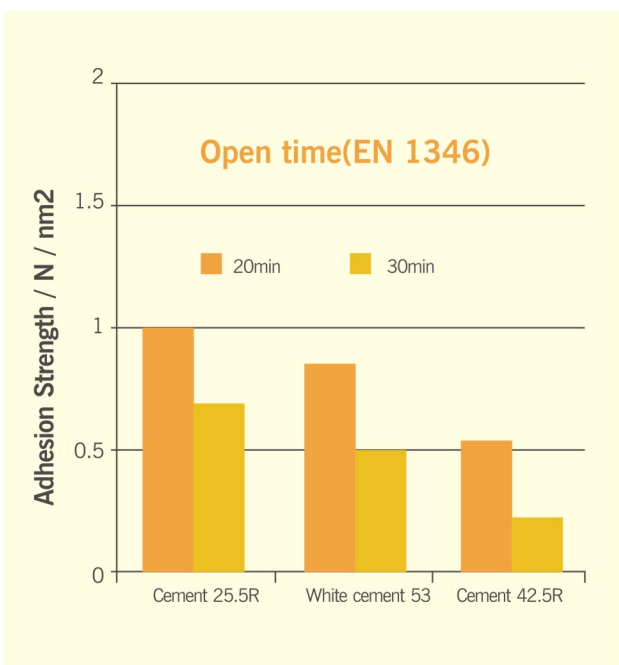
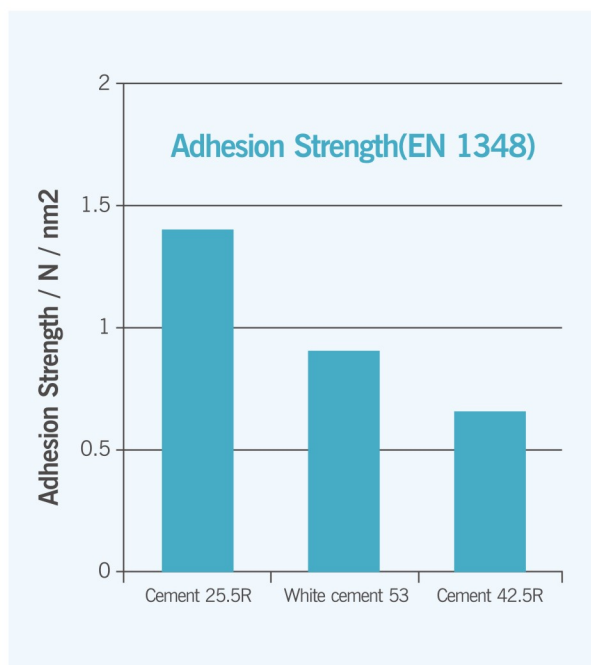
Tile adhesive formulation CT-1

Materials	Weight / %
Cement	40
Quartz stone	43.6
Calcium carbonate	10
Kaolin	2
Kimicell HPMC 150000C	0.4
Depoler RDP 40W	4
Add water	25-30

Flexible Wall putty CF-1

Materials	Weight / %
Cement 425	25
Ash Calcium	5
Depoler RDP 60F	2.5
Kimicell HPMC 75000G	0.5
Calcium carbonate	67
Water	40

Depoler[®]
Re-Dispersible polymer powder



Kimix[®]

Rm.502,Hongshi Central Mansion, No.225Chaowang Rd., Hangzhou 310015, China
Tel: (86) 571 8839 2710 Fax: (86) 571 8839 0023
E-mail: sales@kimix.com.cn www.kimix.com.cn

Depoler[®]

Company

Kimix Chemical Co., Ltd., is one member of Vink Chemicals GmbH & Co. KG, running as a sales house for the factories Vink Chemicals invested in China. Re-dispersible polymer powder is one of our major products, branded with the trade mark Depoler.

Depoler re-dispersible polymer powder is spray dried re-dispersible emulsion powder, able to re-disperses in water and reacts with hydrate product of cement, gypsum and stuffing, form composite membrane with good mechanics intensity.



Re-Dispersible polymer powder

Depoler re-dispersible polymer powder combines the functionality of polymer dispersions with the processing advantages of a powder.

As co-binders in cementitious dry mortars, Depoler dispersible polymer powders improve adhesion, and provide flexibility, good workability as well as, depending on the grade, extra properties, such as thixotropy, flow properties and water repellency.

Re-dispersible polymer powder advantages

- Ideal for ready-to-use dry mortars
- Easy handling on site
- Workability
- Rheology
- Adhesion between mortar and its substrates
- Cohesion of mortars
- Flexibility
- Tensile strength
- Abrasion resistance



Product Technical Data				
Items/Types	KPP 40W	KPP 50W	KPP 60F	KPP 80H
Main performance	Hard and Rigid	Flexible	Extremely flexible	Hydrophobic
Polymer base	VAE	VAE	VAE	VAE
MFFT (°C)	0±2	0±2	0±2	0±2
T g(°C)	10	5	-6	15
Hydrophobic	Neutral	Neutral	Good	Good
Flexibility	Neutral	Good	Excellent	Neutral

Re-Dispersible polymer powder

Depoler re-dispersible polymer powder are widely used in construction dry mixed application, exhibit improved adhesion, flexural strength, deformability, abrasion resistance and are easier to process.

Applications

- Construction Adhesives
- Tile Adhesive
- Mineral Plaster
- Tile Grouts
- Self-Leveling Compounds
- Skim Coat
- Wall and Joint filler
- Waterproofing membranes



Product application guidance					
Application		RDP 40W	RDP 50W	RDP 60F	RDP 80H
Tile adhesive	C1 tile adhesive	●	●	●	●
	C2 tile adhesive	●	●	●	●
	Special tile adhesive	○	●	○	●
Tile grouts filler	Standard	●	●	●	○
	Hydrophobic	○	●	○	○
	Flexible	○	○	●	○
Render/Plaster/Stucco	Finish	○	●	●	●
	Basecoat	●	●	●	●
	Special	○	●	●	●
Walls	Wall putty, skim coat	○	○	●	●
	Joint filler	●	○	●	●
External thermal insulation composite system (ETICS/EIFS)	Adhesive mortar	●	○	○	○
	Basecoats	●	○	○	○
	Top coats / Finishes	○	●	○	●
Water proof	Flexible system	○	●	●	○
	Rigid system	●	○	○	●
Concrete repair mortar	Concrete repair (PCC/SPCC)	○	○	○	○
	Surface repair	○	○	●	○
Floor	Self leveling	○	○	○	○
	Permeable Concrete	○	○	○	●

● Highly Recommended ○ Recommended