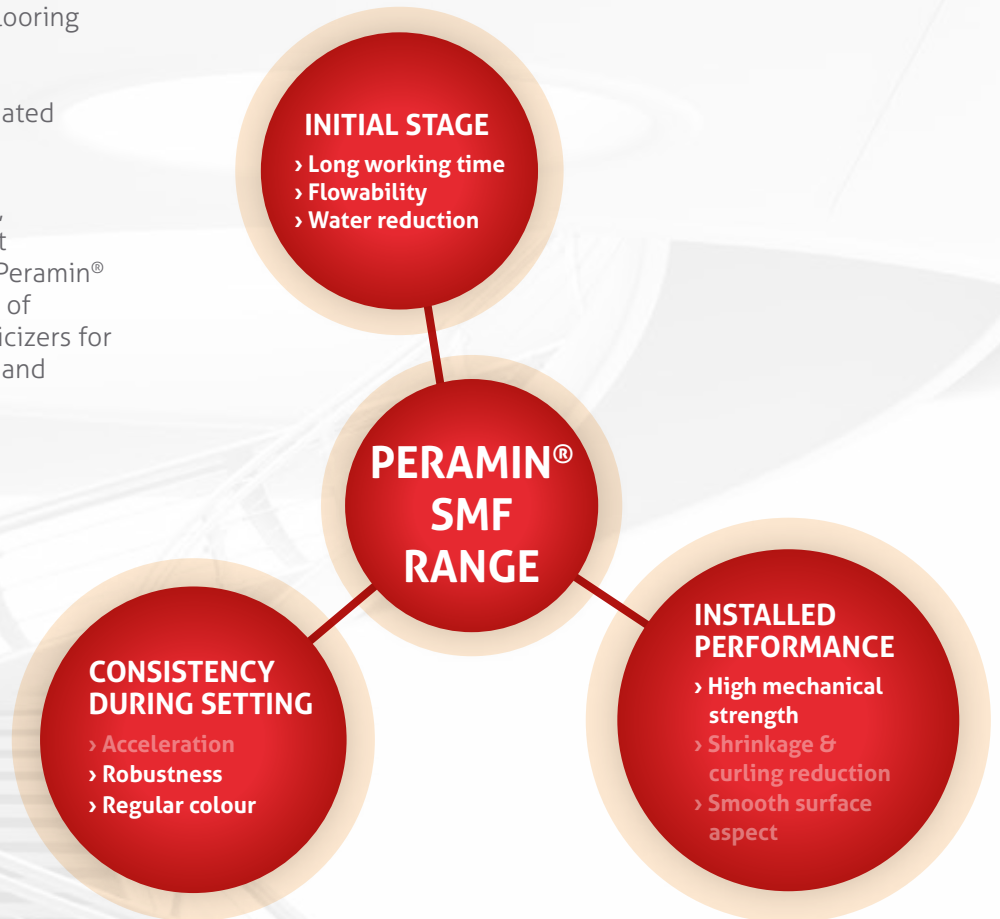


Peramin® SMF

SUPERPLASTICIZERS

- Superplasticizers enable high flow properties and reduce water content in screeds and flooring compounds.
- Peramin® SMF are sulfonated melamine polymers.
- Due to their consistency, robustness and excellent cost/performance ratio, Peramin® SMF is a reference range of conventional superplasticizers for drymix mortars, gypsum and concrete materials.



- The choice of the most suitable melamine superplasticizer must be tailored to each formulation and is related to specific studies for which our technical development teams remain at your disposal.

THE PERAMIN® SMF RANGE

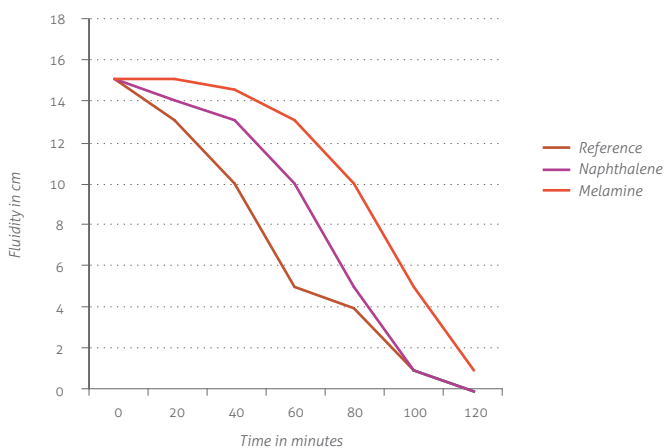
	Peramin® SMF 10	Peramin® SMF 11	Peramin® SMF 20	Peramin® SMF 22	Peramin® SMF 30	Peramin® SMF 31	Peramin® F 40
Appearance	Off-white powder	Off-white powder	Off-white powder	Off-white powder	Off-white powder	Off-white powder	Liquid
Dry content %	92.5 – 94.5	92.5 – 94.5	92.5 – 94.5	92.5 – 94.5	92.5 – 94.5	92.5 – 94.5	39 – 41
pH	7.5 – 9.5	8 – 10	8.5 – 10.5	8.5 – 10.5	9.5 - 11.5	8.5 – 10.5	9.5 – 11.5
Alkali as Na ₂ O eq.%	< 13	< 13	< 13	< 13	< 13	< 13	< 5
Chloride content %	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

MAIN APPLICATION FIELDS OF PERAMIN® SMF FOR BUILDING CHEMISTRY

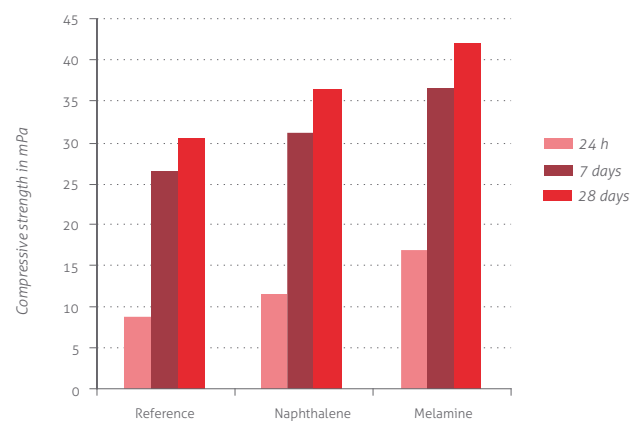
	Peramin® SMF 10	Peramin® SMF 11	Peramin® SMF 20	Peramin® SMF 22	Peramin® SMF 30	Peramin® SMF 31	Peramin® F 40
FLOORING COMPOUNDS							
Self-leveling underlayments	●	●	●		●		
Self-leveling screeds	▲	●	●		●	●	
Calcium sulfate screeds	●		●	▲		●	
Pumpable self-leveling mortars	●				▲		
TILE ADHESIVES							
Pourable/fluid	▲	●	●		●		
Grout	▲	●	●		▲		
TECHNICAL MORTARS							
Grouting mortars	●	●	●		▲		
Repair mortars	●	●	●		▲		
CONCRETE							
Concrete flooring compounds							●
Precast concrete compounds							●
Other special concretes							●

▲ Recommended ● Suitable

Rheology comparison trial



Resistance comparison trial (EN 12390-3) Constant initial fluidity



➤ The Peramin® SMF range can also be used in combination or association with Peramin® CONPAC, DEFOAM, SRA and AXL additives.