



MIGHTY® 21PR

MIGHTY® 21PR – for extended workability



Enriching lives, in harmony with nature.

KAO Chemicals GmbH has developed a new powdered superplasticizer which The NRC Group is now selling in several European countries. MIGHTY® 21PR is characterized by providing very long processability as well as excellent solubility. Especially in combination with MIGHTY® 21PL, initial dispersibility can be further increased while maintaining very long workability at the same time.

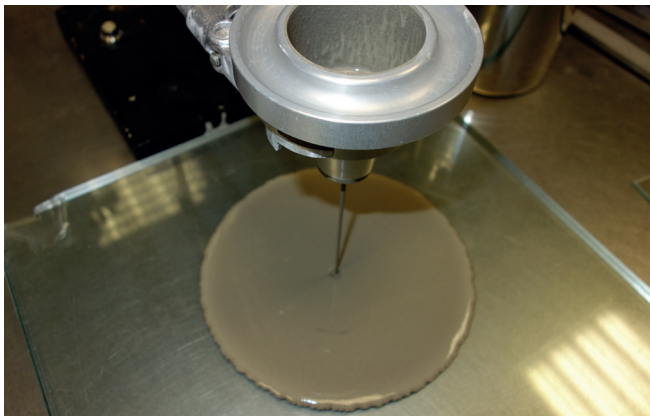
MIGHTY® 21PR represents a further development of Kao's MIGHTY® portfolio (MIGHTY® 21PSN, 21PSD and 21PL), which is already a successfully established range. The new product clears the way for a toolbox concept similar to the liquid PCE Mighty® range (mixtures of PCE-plasticizers with short, medium and long open times) with powder PCE formulations for dry mortar applications.

In brief, the main differences between MIGHTY® 21PR and MIGHTY® 21PL, 21PSN and 21PSD are:

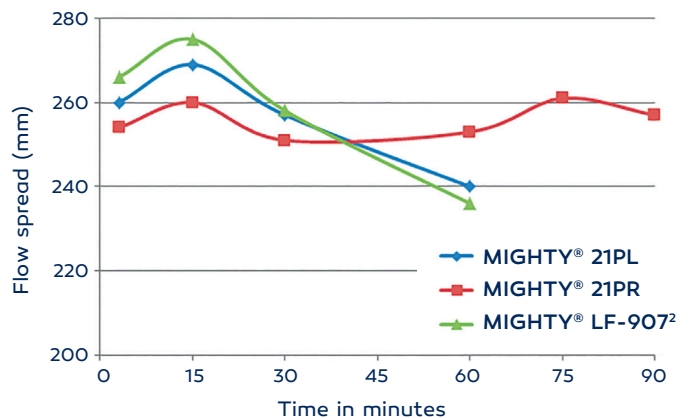
- Moderate initial dispersibility*
- Very good workability, long retention

* Blending with all MIGHTY® powders possible to improve initial dispersibility

The fine particle size (0.3 mm maximum) of MIGHTY® 21PR also contributes to its excellent dissolving properties. Initial field trials, e.g. with self-leveling compounds, confirmed significantly longer workability, quick dissolving during mixing and moderate initial dispersibility. These advantages have also been confirmed for use in self-leveling screed compounds.



Comparison of mixing behavior¹



¹ Ternary binder; PCE dosage: 0.4%; water-cement ratio: 0.3

² MIGHTY® LF-907: PCE powder based on Basis MIGHTY® 21PL with improved initial dispersibility

Distributed in Austria, Bosnia, Bulgaria, Croatia, the Czech Republic, Denmark, Finland, France, Germany, Hungary, Italy, Norway, Poland, Portugal, Romania, Serbia, the Slovak Republic, Slovenia, Sweden and Switzerland.

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