

PANTARHIT® PC83X SUPERPLASTICIZER SERIES

New technology for precisely adjusting the workability time

**EFFICIENTLY
MANAGING
PROCESSING TIME**

830

831

832

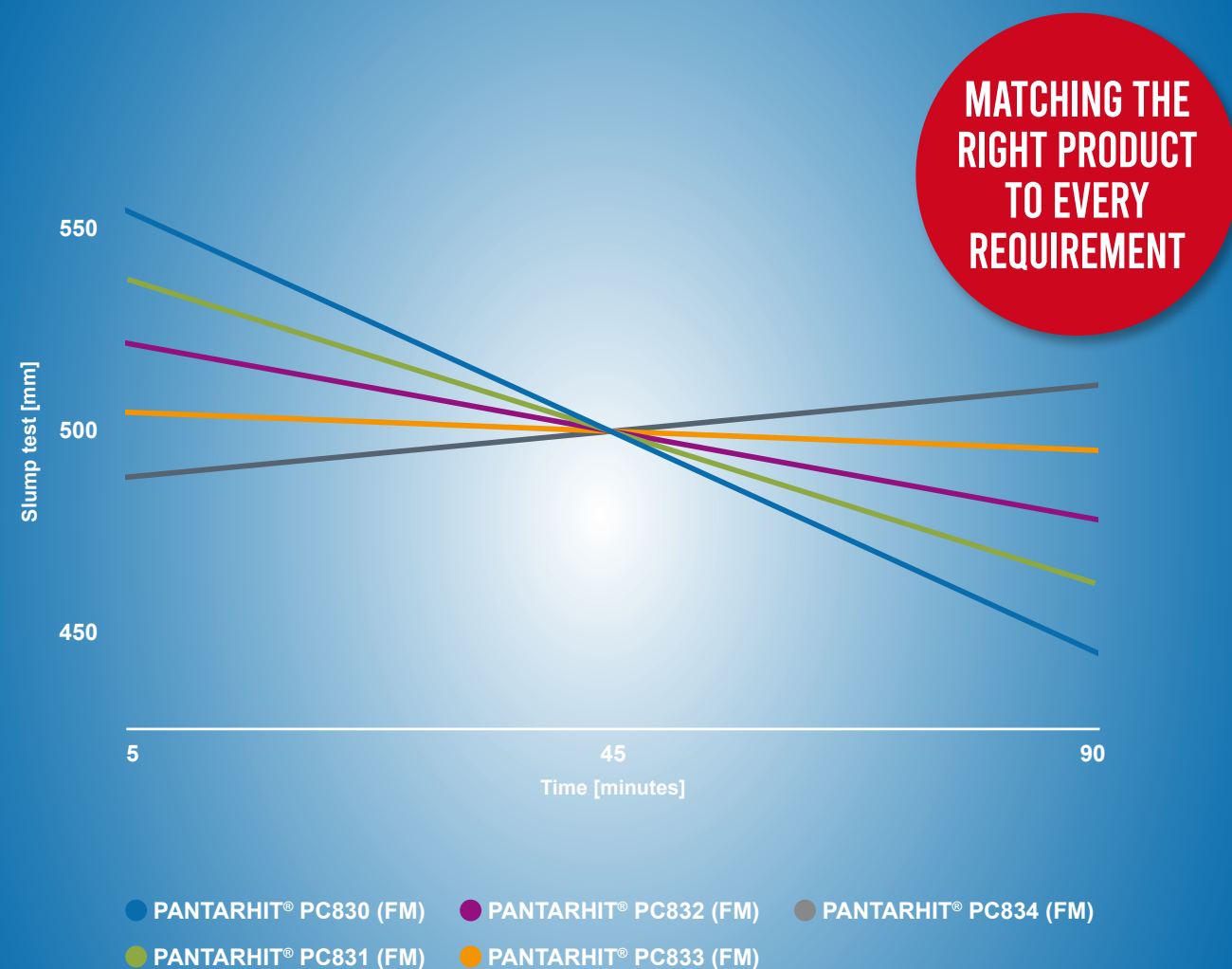
833

834



PANTARHIT® PC83X IN COMPARISON

CONSISTENCY DEVELOPMENT OF THE DIFFERENT PRODUCTS



Tests at the same dosage, temperature 20°C

THE PANTARHIT® PC83X SERIES

The product series for precisely controlling the workability time

Are you seeking precise control over the processing time of fresh concrete for your precast concrete elements? We have some exciting news for you! Allow us to introduce our latest innovation: the PANTARHIT® PC83Xer series superplasticizers. With our innovative high-performance superplasticisers, you can precisely adjust the workability of your concrete. This leads to a smoother production process, shorter cycle times and lower energy consumption.

BENEFIT FROM AN IMPROVED PRODUCTION FLOW

Are you familiar with the challenge of concrete either hardening too quickly or taking too long to set? This can result in waiting times, production issues, and rejected materials if the concrete is not adjusted within the optimal time frame. However, with PANTARHIT® PC83X, this problem has become a thing of the past. These admixtures allow you to precisely adjust the concrete's consistency to your specific requirements, making production faster and more efficient. By using PANTARHIT® PC83X, you can enhance the quality of your concrete products while simultaneously reducing costs.

INCREASE CYCLE TIMES

All products in the PANTARHIT® PC83X series deliver high early strengths in concrete, even at low temperatures and without additional heat treatment. Earlier demoulding allows for faster restocking of moulds and formwork, shortening processing cycles and increasing production cycle times.

REDUCE YOUR ENERGY CONSUMPTION

Thanks to our PANTARHIT® superplasticisers, you can achieve high early strengths even in low ambient temperatures. This not only improves energy efficiency but also promotes sustainability.

IMPROVE THE VISUAL APPEARANCE

PANTARHIT® PC83X allows the production of concretes with closed, low-porosity surfaces and homogeneous appearances. The optimum compaction increases the surface quality, which has a positive effect on the visual appearance. Your products not only look visually appealing but are also robust and durable. PANTARHIT® PC83X enables the production of concrete with closed, low-porosity surfaces and homogeneous appearances. Optimal compaction improves surface quality, resulting in visually appealing, robust, and durable products.

BE INDEPENDENT OF TEMPERATURE VARIATIONS

With PANTARHIT® PC83X, you have a flexible toolkit for your concrete production. During hotter temperatures, you can switch to the higher-grade product. When temperatures drop and shorter consistency maintenance is required, you can switch to the lower-grade product. This ensures that your concrete mix is always optimally adapted to the prevailing conditions, guaranteeing high-quality results.

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