



Dryfibers 540

Stranded monofilament polyolefin macro-fibers, structural for industrial floors

Drykos® **Dryfibers 540** is a high-performance stranded polyolefin structural macro-fiber designed for the widespread three-dimensional reinforcement of cementitious conglomerates. The product is specifically developed for the creation of continuous concrete surfaces, with particular reference to “exposed” applications where high mechanical performance and effective cracking control are required.

Due to its dimensional characteristics, consistency, and surface finish, Drykos® **Dryfibers 540** is particularly suitable for industrial concrete flooring and precast applications.

Subject to sizing and approval by the structural designer, the product can also be used as an alternative to traditional steel reinforcement, contributing to the simplification of laying operations and the rationalization of structural reinforcement.

TECHNICAL PERFORMANCE

Characteristic	Test method	Standard requirements	Performance
Classification	EN 14889-2		Class II
Polymer type	EN 14889-2		Polypropylene
Form	EN 14889-2		Macro filament
Length	EN 14889-2		54 mm
Fiber diameter	EN 14889-2		0.48 mm
Effect on concrete consistency with 5 kg/m ³ of fibers	EN 14889-2		Vebè Class V3
Effect on concrete strength with 5 kg/m ³ of fibers	EN 14889-2		2.1 N/mm ² CMOD=0.5 mm
Effect on concrete strength with 5 kg/m ³ of fibers	EN 14889-2		2.3 N/mm ² CMOD=0.35 mm
Durability	EN 14889-2		Durability depends on the type of concrete incorporating the fibers
Release of hazardous substances	EN 14889-2	none	see SDS

NOTES

This "light" version of the technical data sheet provides a selection of the product's main descriptive and performance characteristics. While the data contained herein corresponds to our current scientific and technical knowledge, it is indicative and not exhaustive. For complete specifications, detailed technical information, conditions of use, and official updates, please refer exclusively to the full technical data sheet, available in its latest revision at www.drykos.com.

Full technical datasheet



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