



Dryfibers

Multifilament Polypropylene Fibers for Concrete

Drykos® **Dryfibers** are high-performance auxiliary polypropylene microfibers of the multifilament type, specifically designed for addition to various cementitious mixtures, such as concrete, mortars, plasters, and screeds. The incorporation of Drykos® **Dryfibers** into the mix effectively counteracts the formation of plastic shrinkage cracks, improving the control of microcracks during the early stages of setting and curing of the mixture. The presence of the microfibers also provides significant benefits in terms of ductility and cohesion of the mix, contributing to increased impact resistance, resistance to freeze-thaw cycles, and overall impermeability of the hardened material. Drykos® **Dryfibers** improve the volumetric stability of the mixture, promoting a more uniform distribution of internal stresses and greater long-term durability of the completed works. The product is available in three different lengths: 6 mm, 12 mm, and 18 mm, to allow optimal selection based on the type of application and required performance.

TECHNICAL PERFORMANCE

Characteristic	Test method	Standard requirements	Performance
Classification	EN 14889-2		Class I
Polymer type	EN 14889-2		Polypropylene
Form	EN 14889-2		Multifilament
Dryfibres 60 - Length	EN 14889-2		6.0 mm
Dryfibres 60 - Fiber diameter	EN 14889-2		0.035 mm
Dryfibres 60 - Effect on concrete consistency with 1 kg/m ³ of fibers: Vebe time	prEN 14854-1		1 sec
Dryfibres 60 - Linear mass	EN 14889-2		8.75 dTex
Dryfibres 60 - Tenacity	EN 14889-2		22.71 cN/tex
Dryfibres 120 - Length	EN 14889-2		12 mm
Dryfibres 120 - Fiber diameter	EN 14889-2		0.027 mm
Dryfibres 120 - Effect on concrete consistency with 1 kg/m ³ of fibers: Vebe time	prEN 14854-1		2.5 sec
Dryfibres 120 - Linear mass	EN 14889-2		5.05 dTex
Dryfibres 120 - Tenacity	EN 14889-2		47.99 cN/tex

Characteristic	Test method	Standard requirements	Performance
Dryfibres 180 - Length	EN 14889-2		18 mm
Dryfibres 180 - Fiber diameter	EN 14889-2		0.035 mm
Dryfibres 180 - Effect on concrete consistency with 1 kg/m ³ of fibers: Vebe time	prEN 14854-1		1.3 sec
Dryfibres 180 - Linear mass	EN 14889-2		8.75 dTex
Dryfibres 180 - Tenacity	EN 14889-2		22.71 cN/tex
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

