

DRYFIBERS 180

CERTIFICATIONS AND STANDARDS

EN 14889-2:2006

 **DRYKOS**



PRODUCT DESCRIPTION

Dryfibers 180 is a multifilament polypropylene micro-fiber that carries the CE marking. With a length of 18 mm, it is designed for incorporation into various cementitious mixtures. The addition of Dryfibers 180 effectively mitigates plastic shrinkage cracking in concrete. Furthermore, it offers several advantages, including enhanced workability, resistance to frost/thaw cycles, improved impact resistance, and increased overall impermeability.

AREA OF APPLICATION

Improvement of the mechanical and/or rheological performance of mortars, renders, and new concrete constructions.
Construction of architectural structures, Construction of underlayment's and levelling concrete.

DOSAGE

0.6 kg to 2kg per cu.m

APPLICATION METHOD

Add the fibers to the cementitious conglomerate during mixing. Mix, with the concrete mixer drum at full speed, for at least one minute for each m³ of conglomerate. The dosage, depending on the application, is normally between 600 g/m³ and 2.0 kg/m³. The recommended dosage is 1.0 kg/m³, which corresponds to one bag per cubic meter of conglomerate.

HEALTH AND SAFETY

The user is required to check the most recent material safety data sheet for the product, containing physicochemical and toxicological data, risk phrases, and other useful information on how to transport, use, and dispose of the product and its packaging in a safe manner. Furthermore, the product and its packaging should not be dispersed in the environment for any reason. The addition of Fibers may slightly modify the rheology of the cement mix. To restore the original fluidity, if necessary, use only specific water-reducing additives.
Adding water to the mix is not recommended.

STORAGE

Store the product in its original packaging in a cool, dry place, protected from frost and direct sunlight. It is sensitive to moisture.

PACKAGING

Available in Biodegradable bag of 1 kg

TECHNICAL SPECIFICATIONS

Effects on the consistency of fresh concrete (Vebè) (1 kg/m ³)	1.3 s
Flashpoint (ASTM D 1929)	350 °C
Flammability	Not inflammable
Unitary weight	8.75 dTex
Softening point	160-170 °C
Auto ignition temperature	400 °C
Tenacity	22.71 cN/tex

DRYKOS Srl

Registered office: Via Poli, 29 00187 Rome | **Offices:** Via San Vittore 7, 20123 Milan | Piazza Marconi 7, 12020 Tarantasca (CN) Tel: +39017118174992

Manufacturing Plant: North Industrial Area 68, Via Villafalletto, 12020 Tarantasca (CN)