

ASPHALTX®

■ PRODUCT DESCRIPTION

AsphaltX is a fibre blend of aramid and polyolefin fibres approximately 19 mm long, intended for use as 3-dimensional reinforcement in binder and/or surface course.

AsphaltX bridges cracks and significantly reduces thermal cracking caused by material fatigue. It also strongly reduces rutting thanks to the blend's higher resistance to permanent deformation.

Aramid fibres do not melt when the mix is hot and are known for their high tensile strength and durability at both high and low asphalt temperatures. AsphaltX fibres have an exceptionally low CO₂-MKI value.

■ BENEFITS

- Significantly reduced rutting
- Considerable increase in tensile strength
- Improved crack resistance
- Substantial extension of fatigue life (50%) and a low MKI value

■ CERTIFICATES & QUALITY

- Production under an ISO 9001-certified quality system
- CE-standard production in Europe

■ PACKAGING

- Biodegradable, mixer-ready 500 g bags

■ DOSAGE

AsphaltX® blends well in both batch and drum asphalt mixing plants. It is added to the mix while still in its plastic bag, with the dosing point in the mixing process following our mixing guidance.

Packaging: 500 g for a dosage of 1 tonne of asphalt, 35 bags per box, 12 boxes per pallet, 210 kg of fibres in total.

■ MIXING GUIDANCE — ASPHALT PLANT

- Never dose the fibres into an empty mixer
- The fibres are added into the mixing bay on top of the plain, previously dosed mineral aggregate
- The bags of fibres are mixer-ready and can be added to the mixer whole
- Once all the fibres have been added, mix for at least 5 seconds
- After this, the RAP can be added
- Maintain the subsequent wet mixing time of 10 to 15 seconds

■ PRODUCT INFORMATION

Material	Polyolefin Twaron
Type	Fibrillated fibres Monofilament fibres
Specific gravity (g/cm3)	0.91 1.45
Tensile strength (MPa)	483 3000
Length (mm)	19 mm 19 mm
Colour	Yellow Yellow
Melting point (°C)	110 >450

WOULD YOU LIKE MORE INFORMATION? PLEASE GET IN TOUCH

Dutch Fiber Trading B.V.

Kwelder 3
1713 GN Obdam
The Netherlands

Tel: +31 (0)226 – 700 292

E-mail: info@dutchfibertrading.com
www.dutchfibertrading.com

Despite the careful compilation of the content of this publication, Dutch Fiber Trading accepts no liability whatsoever for any damage arising from any error in this publication. Our general terms and conditions of sale and delivery apply to all our offers, communications and agreements. For an overview of our general terms and conditions, please visit: www.dutchfibertrading.com. The texts and illustrations in this document have been compiled with great care. Nevertheless, errors cannot be ruled out. The publisher and editors accept no legal responsibility or liability of any kind for incorrect information and the resulting consequences.