

Product data sheet

U-MIX® 4700

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What is U-Mix®?

U-Mix® macro synthetic fiber, distributed by Bekaert Maccaferri Underground Solutions, sets a new standard for temperature reinforcement. U-Mix is lightweight and easy to handle.

The U-Mix® Polypropylene fibers are specifically engineered to provide basic post-crack control performance.

Why use U-Mix®?

U-Mix® reduces cracking during the plastic shrinkage and concrete hardening stage.

The standard low dosage of U-Mix® is very cost effective since it eliminates the need for conventional wire mesh. U-Mix® is extremely flexible to work with and is easy to mix. U-Mix® is typically utilized as temperature reinforcement and in temporary construction i.e. mining.

Modifications reserved. All details describe our products in general form only. For detailed information, product specifications available on request.

GEOMETRY AND PERFORMANCE

| | |
|---------------------|------------------|
| Fibre family | 15,250 fibers/lb |
| Length | 57 mm |
| Denier | 4,700 |

MATERIAL PROPERTIES

Tensile strength: 78,000 psi (538 MPa)

Young's Modulus (E): 1,200 ksi (8.27 GPa)

Specific Gravity: .91

Melting Point: 160°C (320°F)

Alkali, acid & salt resistance: Excellent

PRODUCT CERTIFICATES

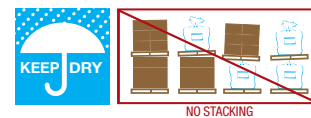


PACKAGING



2.3 kg (5 lb) bags
5 kg (11 lb) bags
7 kg (15.4 lb) bags

STORAGE



Distributed by