KNOW WHY
GROWTH BUILDS ON US.

Security Technology

For bank vaults, ATM's, defence applications

Residential Construction

For strip foundations, foundation slabs and precast cladding panels

Traffic Areas

For roundabouts, bus stops, parking and heavy traffic areas

Refractory Concrete

In the petrochemical, iron, steel and cement industries and ceramic furnaces

Concrete Precast Elements

For pipes, shaft rings, TLS, prestressed girders

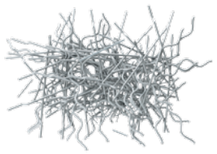
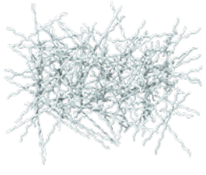
Tunnel Construction

For sprayed concrete, tunnel segment lining, for passive fire protection in precast and insitu concrete

Industrial Floors

For warehouses, production halls, logistic centres and clad rack projects

OUR FIBRES–
YOUR BENEFITS.

FIBRES	APPLICATIONS	FIBRE TYPE		LENGTH (mm)	CROSS SECTION (mm)	MATERIAL SPECIFICATIONS	
WIRE FIBRES 	› Concrete precast elements › Refractory concrete › Industrial floors › Security technology › Sprayed concrete › Traffic areas › Residential construction	**Hooked ends**		25/30/35/45/50/60	ø 0.5–1.2	**Normal** tensile strength **Medium** tensile strength **High** tensile strength **Ultra-high** tensile strength	**Stainless steel** E 304 E 314 E 330 E 430 E 446
		Corrugated steel fibres		20–60	ø 0.5–1.2		
		Straight steel fibres		6–30	ø 0.3–0.5		
		Microfibres		6–15	ø 0.15–0.2	**High** tensile strength	–
SLIT SHEET FIBRES 	› Screeds › Concrete maintenance	**Hooked ends**		20	0.65–1.7 x 0.5–0.7	**Normal** tensile strength	–
SYNTHETIC MICROFIBRES 	› Screeds › Fire protection › Shrinkage reduction	**Multifilament type**		3/6/12/18	15/18/32/42 µm	–	–
		Fibrillated type		6/18	50/200 µm	–	–
		Fine fibrillated type		6/12	50/200; 60/200 µm	–	–
SYNTHETIC MACROFIBRES 	› Concrete agricultural slabs › Outdoor surfaces › Precast elements › Sprayed concrete	**Macrofibres**		48 / 54	700–1100 µm	–	–
GLASS FIBRES 	› Floors › Precast elements › Screeds › Shrinkage reduction	**Glass fibres**		12 / 18	14 µm	–	**AR-glass fibres**
						–	**E-glass fibres**
						–	**EC-glass fibres**