

# KNOW WHY GROWTH BUILDS ON US.

## Security Technology

For bank vaults, ATM's,  
defence applications

## Tunnel Construction

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

## Residential Construction

For strip foundations,  
foundation slabs and  
precast cladding panels

## Refractory Concrete

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

## Industrial Floors

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

## Traffic Areas

For roundabouts, bus stops,  
parking and heavy traffic  
areas

## Concrete Precast Elements

For pipes, shaft rings, TLS,  
prestressed girders



# OUR FIBRES – YOUR BENEFITS.

## FIBRES

## APPLICATIONS

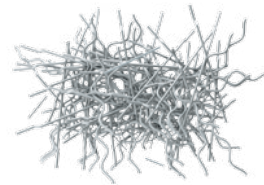
## FIBRE TYPE

## 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

∅ 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

∅ 0.5–1.2

#### Straight steel fibres



6–30

∅ 0.3–0.5

#### Microfibres



6–15

∅ 0.15–0.2

High tensile strength

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### SLIT SHEET FIBRES



- > Screeds
- > Concrete maintenance

#### Hooked ends



20

0.65–1.7 x 0.5–0.7

Normal tensile strength

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### SYNTHETIC MICROFIBRES



- > Screeds
- > Fire protection
- > Shrinkage reduction

#### Multifilament type



3/6/12/18

15/18/32/42 µm

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#### Fibrillated type



6/18

50/200 µm

-

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#### Fine fibrillated type



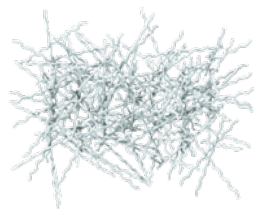
6/12

50/200; 60/200 µm

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### SYNTHETIC MACROFIBRES



- > Concrete agricultural slabs
- > Outdoor surfaces
- > Precast elements
- > Sprayed concrete

#### Macrofibres



48 / 54

700–1100 µm

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### GLASS FIBRES



- > Floors
- > Precast elements
- > Screeds
- > Shrinkage reduction

#### Glass fibres



12 / 18

14 µm

-

AR-glass fibres

-

E-glass fibres

-

EC-glass fibres