

Vertex

Micro Polypropylene Fibres

ABOUT

Vertex micro polypropylene fibres provide a wide range of benefits to concrete.

In the early life of the concrete, Vertex fibres with significantly reduce plastic settlement and plastic shrinkage cracking. As the concrete sets and hardens the inclusion of Vertex fibres contributes to increasing the impact and abrasion resistance of the concrete.

In situations where concrete may be exposed to fire, then the inclusion of Vertex will assist in reducing the occurrence of explosive spalling.

Other benefits include reducing the permeability of the concrete, reducing settlement and bleeding, reducing freeze/thaw damage and improving overall durability.

Addition of Vertex is simple. Typically, one degradable bag is added per cubic metre of concrete which will allow full and even dispersal of the fibres after 5 minutes of mixing at proper mixing speed in a truck or batch plant.

For wet-batch efficient drum or pan mixers, the bag may be added to the aggregate conveying system at any time once sand and aggregate have commenced moving into the mixer and should take no longer than the time stipulated to thoroughly mix all constituent parts.

Placing and finishing can be achieved using standard good concrete practice. For specific information and instructions, please refer to the Mixing and Finishing instructions provided by Fibre Concrete Solutions.

Vertex is CE marked and complies with EN14889 pt 2 class 1a Fibres for Concrete.

For further information on the use of Vertex, please contact Fibre Concrete Solutions.

Product Data

Length	12 mm
Nominal Diameter	0.032 mm
Shape	Monofilament
Bag Weight	0.9kg
Melting Point	Approximately 165 C
Electrical Conductivity	Low
Alkali Resistance	Alkali Proof