

Nexus® 85 Macro Synthetic Fibres

ABOUT

Nexus®85 is the class leading macro synthetic fibre solution with a market leading performance to achieve structural compliance to EN14889 pt 2 Fibres for Concrete.

Nexus®85 gives an alternative to traditional mesh reinforcement when load carrying performance is required. Rigorously tested by independent test houses and in compliance with EN14889-2, Nexus®85 can be used in established design methodology to provide specific engineered solutions for your concrete application.

In addition to giving structural performance, adding Nexus®85 to the concrete will provide enhanced durability and impact resistance. HGV yards, pavements, ports, bulk storage facilities and many more applications can utilise the added benefits that come from adopting Nexus®85 reinforced concrete.

Addition of Nexus®85 is simple. Typically, one degradable bag is added per cubic metre of concrete which will then 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 fibres may be added to the aggregate conveying system, manually or by conveyor as appropriate, at any time once sand and aggregates have commenced moving into the mixer and should take no longer than the time stipulated to thoroughly mix all the mix 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.

For specific application use and further information on the use of Nexus®85, please contact Fibre Concrete Solutions.

Product Data

Absorption	Nil
Specific Gravity	Nil
Melting Point	Approximately 165 C
Electrical Conductivity	Low
Length	60mm
Nominal Diameter	0.7mm
Fibre Class	II
Bag or Box Weight	2.25kg

