

Adfil® Durus EasyFinish

Synthetic macro-fiber
Rigid

DESCRIPTION

Adfil® Durus EasyFinish has been developed to facilitate effective post crack residual flexural strength and is suitable for use for all concrete mixes in many applications. Adfil® Durus EasyFinish offers superior performance, ease of handling, cost savings as well as health and safety advantages for concrete suppliers, contractors and designers alike.

Adfil® Durus EasyFinish comes ready mixed into the concrete or can be added on site. This is major advantage over steel mesh, which can be placed incorrectly, and can thus impact quality and production schedules. Most notable benefit of using Adfil® Durus EasyFinish is that it saves time, as there's no placing of steel mesh before pouring the concrete.

BENEFITS

- Eliminates the need for steel mesh or steel fibres in many applications
- Significantly less embodied carbon dioxide compared to steel
- Rust and corrosion-free, ideal for any environment
- Safe, ergonomic and easy to work with on-site
- Minimal wear on equipment
- Faster construction timeline
- High quality concrete surface finish
- Cost effective reinforced concrete

APPLICATION

Adfil® Durus EasyFinish fibres may be used in a variety of ready mix and precast applications, including but not limited to:

- Ground bearing floor slabs
- Overlays
- Pavements
- Precast elements
- Marine concrete applications
- Agricultural environments

INDICATIVE INFORMATION

| | |
|-----------------------------|---------------------------|
| Product Nature | 100% virgin polypropylene |
| Color | Grey |
| Apparent density | 0,922 |
| Fiber length | 40 mm |
| Ignition temperature | 360 °C |
| Equivalent Diameter | 700 µm |
| Tensile strength | 500 MPa |
| Elastic Modulus | 6 GPa |
| Melting point | 165 °C |

PACKAGING

- Pucks in 3kg water soluble bags

METHOD OF USE

Adfil® Durus EasyFinish is typically dosed between 2.5-5 kg/m³, dependent on the specific application and required hardened properties. For assistance with fibre dosage recommendations - our Project Insured consultants can tailor a fibre reinforced concrete design to suit your concrete application.

When adding fibres into a cementitious product, careful attention must be taken in the batching and mixing procedure to achieve optimum results. If you need further details on the recommended mixing instructions, please consult a member of the Chryso team.

PRECAUTIONS

- Fibres must be stored on a clean surface in dry conditions, undercover and away from possibility of damage

NORMS & REGULATIONS

- Conforms to ASTM C 1116 Type 3 and BS EN 14889 II
- Conforms to CE marking EN 14889-2:2006 II
- Plastic shrinkage reduction in accordance to ASTM C1579-13

SAFETY

Adfil® Durus EasyFinish fibres are not considered dangerous to handle.

Prior to any use, please read carefully the Safety Data Sheet (SDS).