ThermoDyn Produktion und Handel Kern
Roßmoos 20
DE – 87629 Füssen
Tel.: +49 (0) 83 63 / 55 31
Mail: info@thermodyn.de

www.thermodyn.de / www.thermodyn-shop.de

ThermoDyn®
Innovation in Baustoffe

Technical Leaflet

Plastic Reinforcement Fibre

PP - F

Art.-Nr. 029-03-01-2001 bis 2005

- reinforce
- crack-bridging
- acid and alkali resistant
- pure polypropylene
- high elongation strength

Application areas:

RoNet are medium grade fibres for uniformly distributed concrete reinforcement.
These fibres are particularly well suited for casting screeds and slabs for underfloor heating to counteract the thermal stress on the concrete.
These fibres are made from pure polypropylene and are corrosion resistant, non-magnetic and 100% alkali resistant.

- Evenly distributed reinforcement - reinforces every cubic centimetre of concrete, replaces steel mesh and provides better distribution in the concrete compared to steel fibres.
- Transport - the overall weight of the reinforcement material is significantly reduced. Also important for screeds poured in upper floors.
- Time - reinforcement is achieved simply by mixing the fibres into the concrete.
- Larger area between expansion joints - casting without expansion joints if required.
- Improving the physical properties of the concrete:
- Controlling the plastic contraction of the fresh concrete as it cures.
- Reduce the formation of shrinkage cracks
- Improve impact and wear resistance, as well as the hardness of the concrete
- Increased durability of the floors

Technical Data:

- Material: pure polypropylene
- Type: reinforcing fibres
- Colour: white
- To prevent the formation of cracks in the levelling compound
- Form: fibrillated
- Acid/alkali resistance: 100 %.
- Specific gravity: 0.91
- Absorption: none
- Elongation strength: min. 400 N/mm
- Length: 3/13/19/38/54mm
- Picture may differ from original

Delivery form:	Bag
Fibre length:	3 / 12 / 19 / 38 / 54 mm
Consumption:	10 g Beutel für 25 kg/Sack

Application:

- Underfloor heating
- Ground level constructions
- Footpaths
- kerbstones
- ramps
- Water tanks
- Water treatment plants
- Other construction projects

Workmanship:

Die empfohlene Dosierung von RoNet Fasern liegt bei 1 kg pro Kubikmeter Estrich oder Fußbodenheizung. Die Beimischung und die Homogenisierung können sowohl in der Betonmischanalage als auch direkt im Betonmischer durchgeführt werden. Die Fasern sollten für 7 Minuten bei mittlerer Geschwindigkeit in den Estrich bzw. Fußbodenheizung eingerührt werden. Bei erhöhter Dosierung wird empfohlen, anstelle von Wasser, entsprechende Additive zur Verflüssigung beizumischen.
Empfehlung: **10 g Beutel für 25 kg Sack Material.**

The rights of the buyer with regard to the quality of our materials are governed by our terms of sale and delivery. For requirements that go beyond the scope of the application described here, our technical advisory service is at your disposal. These then require legally binding written confirmation in order to be binding. The product description does not release the user from his duty of care. In case of doubt, sample surfaces should be applied. The publication of a new version of the brochure renders it invalid.