



## TROCELLEN PRESENTS GREEN TROUGH AT THE MOST IMPORTANT EVENT IN THE SECTOR

*The Italian company owned by a Japanese group displays the exclusive cable duct at Expo Ferroviaria*

**Turin, April 5-7, 2016** - Trocellen, a leading company in the cross-linked polyolefin foam sector, proudly presents **Green Trough**, the unique polymer system designed for the railway sector, at the 7th International Exhibition of the railway industry at Lingotto in Turin.

The innovative cable troughing system is characterised by great versatility of use, durability and weather resistance and most importantly, is completely *eco-friendly* and made from 100% recycled polymer - a sturdy plastic mixture sourced from municipal waste - and 100% recyclable itself.

The exclusive and revolutionary design of **Green Trough** ensures the protection and safety of the cables placed inside. Specifically suitable for the installation of railway signalling cables and other infrastructure such as highways, power plants and industrial parks, the system can be installed in any position: horizontally, vertically, at an angle, around an obstacle, alongside a wall, suspended from the railing of a bridge or in an elevated position.

The Trocellen GREEN TROUGH system is an ingenious alternative to traditional concrete cable ducts: thanks to the innovative design and plastic matrix, its weight has been reduced by one third, permitting its installation by a single operator, thus saving assembly time and cost.

Any type of on-site adjustment can be made simply by using cutting tools, without any need for special tools and all of this can be done in total safety, as the material does not produce dust and is not sharp.

Thanks to its special workmanship, Green Trough is a Class 1 self-extinguishing and halogen-free system that is resistant to UV rays and lasts over 25 years. Featuring lids attached with anti-theft bolts, the cable troughs are protected against theft, vandalism and accidental fires.

This is a permanent system and not intended as a provisional application and can be walked on (class A15), unlike temporary plastic cable ducts. The Green Trough technology permits connection to traditional concrete cable ducts, thanks to special reducers.

The cable ducts are available in different sizes with increasingly large sections, adaptable to any type of application. In addition to the 1m linear sections, there are bends, ramps, T junctions for each size, as well as a wide range of mounting accessories.



## **WHO IS TROCELLEN**

Trocellen manufactures cross-linked polyolefin foams and is focused on achieving global success, under the ownership of the Japanese Furukawa Electric Co. Ltd. With more than 600 employees in seven plants and numerous partnerships with other companies, universities, research organisations and designers, it offers solutions for a wide range of applications and industrial sectors. Through the various business units, it meets the specific needs of various sectors, continuously developing innovative products for all requirements. It produces raw materials and semi-finished and finished products, both for the market and for partners operating in various industrial sectors including the automotive sector, insulation and construction, leisure, professional sports, adhesive tape, footwear and packaging. It develops solutions and undertakes numerous professional projects in partnership with diverse partners.

### **For more information:**

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