

Ranprex®

Your Cryogenic Insulation

RANCAN

Hi-Tech Laminated Densified Wood
LPG/LNG Pipe & Tank Supports



MADE IN ITALY

RANCAN

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LPG/LNG Pipe & Tank Supports



Ranprex®



Made of red beech veneers (Fagus Sylvatica) impregnated with thermosetting phenolic resin, consolidated under high pressure and temperature to obtain a high density composite according to standards IEC 60893 - DIN 7707.

Compared with other types of wood, beech wood more specifically stands out for the straight and regular structure of its fibers, which allow easy humidity release during drying process enabling, as a consequence, a very high level of oil impregnation.

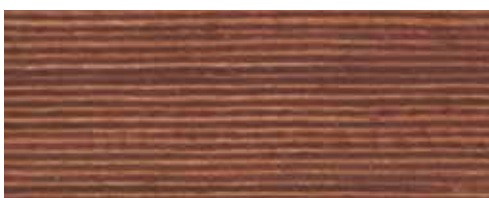
Moreover, the structure of beech veneers ensures a high predictability of the mechanical resistance of the finished product, allowing to target a well-defined mechanical performance according to fiber construction and arrangement. No other wooden essence in nature can grant similar characteristics. All the veneers we use, come from forests that are sustainably managed and PEFC certified.



Ranprex® ML20 - KP20221



Ranprex® ML15 - KP20226



Ranprex® ML8 - KP20227

Company

Your Cryogenic Insulation

Rancan Srl was established 1960 and in more than 60 years history it has reached **the highest quality standards in the production of Ranprex®**, high-tech red beech laminated densified wood, successfully applied in many industrial fields.

In the cryogenic business, Ranprex® has been chosen in the last thirty years as a preferred solution for several cryogenic applications as a material with **excellent thermal insulating properties and outstanding physical and mechanical performances**.

Rancan Srl is based on a surface of 20.000 m², 8.000 of which are covered area, divided into headquarters and a second production unit in the same industrial area of Montecchio Maggiore. This warrants the **highest productive and logistic efficiency**, enhancing the Ranprex®'s flexibility.

Rancan Srl boasts a highly **sophisticated machinery park and expertise**, which allows top quality in all production steps.



PLANT 1





PLANT 2

Certifications

Rancan Srl

Rancan Srl is ISO 9001:2015 certified since 1999, ISO 45001:2015 since 2012, and ISO 14001:2015 since 2015, always keeping as its first targets quality, service to the customer, and competitiveness on the Global scale market.



ISO 9001:2015

QUALITY

Management System Certificate



ISO 14001:2015

ENVIRONMENTAL

Management System Certificate



ISO 45001:2018

OCCUPATIONAL HEALTH AND SAFETY

Management System Certificate

Characteristics

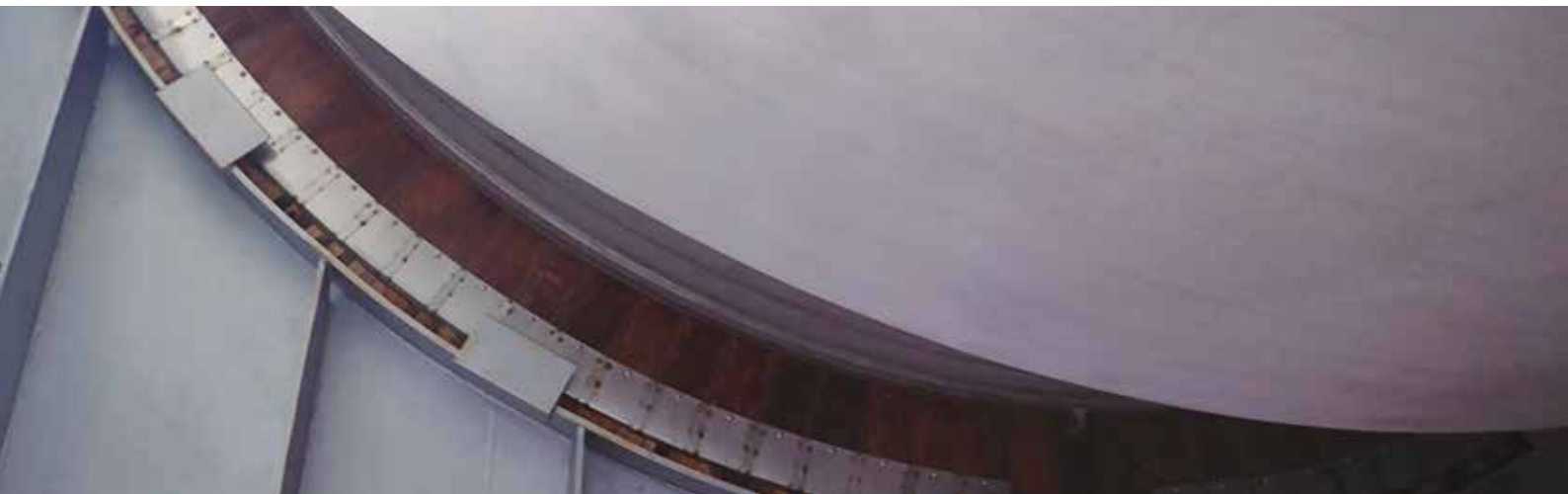
Ranprex®

Ranprex® has been chosen in the last thirty years as a preferred solution for several cryogenic applications as a material with excellent thermal insulating properties and outstanding physical and mechanical performances:

- Low specific weight
- High mechanical strength
- High mechanical performance at low temperature
- Low thermal conductivity
- Excellent thermal insulation
- Low water absorption
- Good dimensional stability
- Low friction coefficient

Ranprex® is also supplied as CNC fully machined components according to customer's drawing.

Do not hesitate to submit any request to Ranprex®'s staff: we will be pleased to assist you!



Why Ranprex®?



*Excellent mechanical and insulation performance
at cryogenic temperature.*



In cooperation with:



LNG/LPG Process Flow

Ranprex®

RANPREX® FOR LPG & LNG TANK SUPPORTS

Within the gas liquid shipping construction, Ranprex® is largely used as:

- Tank supports
- Anti-floating chocks
- Anti-rolling chocks
- Fixed blocks
- Sliding blocks
- Ethylene carriers



RANPREX® FOR PIPE LINES SUPPORTS

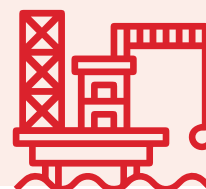
In the construction of on-shore trains, Ranprex® is largely used as:

- Base supports
- Trunnion supports / insulating spacers
- Insulating washers
- Pipe supports
- Insulating pipe collars



RANPREX® FOR:

- Swivel joints
- Marine loading arms
- Marine unloading arms
- Other ancillary products



Which parts can be machined out of Ranprex[®]?



Ranprex® is approved by

Rancan Srl

- **ABS** American Bureau of Shipping
- **BV** Bureau Veritas
- **CCS** China Classification Society
- **DNV GL** Det Norske Veritas Germanischer Lloyd
- **LR** Lloyd's Register
- **CLASSNK** Nippon Kaiji Kyokai
- **GTT** Gaztransport & Technigaz
- **JMU** Japan Marine United Corporation



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RANCAN SRL Unipersonale

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