



U SeaProtect

A new ULTIMATE range for fire protection in Marine and Offshore

ULTIMATE : A new generation of high temperature resistant mineral wool

ULTIMATE signals a new era in fire protection for Marine and Offshore markets.

ULTIMATE is celebrating this year its 10th anniversary since first plant started production in Germany. It results from more than 25 years of intense research carried out by ISOVER to develop a new generation mineral wool with excellent fire protection properties and a drastically reduced weight when compared to traditional Stonewool solutions.

Thanks to ISOVER's unique patented technology, ULTIMATE mineral fibres are extruded through horizontal spinners instead of the traditional vertical rotary wheels used to manufacture traditional Stonewool products.

This unique fiberizing process ensures fine control of the fibre diameter and results in a totally shot free product made of long interwoven fibres.

The U SeaProtect range

With the development of U SeaProtect for Marine and Offshore applications, ISOVER offers a full line of fire protection products that comply with the 2010 Fire Test Procedures Code for steel fire constructions including a number of improved solutions:



Thinner solutions

- 25 mm around the stiffeners for A60 steel constructions
- 20 mm around the stiffeners for A30 steel constructions
- 50mm on the level for A60 steel bulkhead



Lighter solutions

- New U SeaProtect solutions are increasingly lighter than traditional Stonewool solutions of previous generation.



Excellent Thermal and Acoustic performance

- Our **Best Comfort Class** solutions will provide you with the highest level of performance that can be reached with mineral wool systems.



Optimized Logistics

- All Steel A-Fire Class constructions can be achieved with only four ULTIMATE products that are part of the **Easy Logistics** portfolio including various facings.

ISOVER's Development and Sales departments teamed up to develop new solutions that would meet the highest requirements of our customers.

U SeaProtect solutions are up to 45% lighter than traditional Stonewool solutions, providing equivalent fire certification when tested according to the FTP Code 2010.

For products part of the Easy Logistics portfolio, there is no need to worry about Minimum Order Quantities. Products can be bought with a minimum of 1 pallet.

Comfort on board passenger ships is critical; this is why ISOVER designed ULTIMATE U SeaProtect Best Comfort Class solutions with excellent thermal and acoustic performance.

The U SeaProtect range will be available commercially beginning January 1, 2015.

For more information, log on to www.ISOVER-technical-insulation.com or contact your ISOVER local representative.

