



*Rely on it.*

# Versatile and impenetrable.

RENOLIT ALKORPLAN



# HMS Caroline – Museum ship...

## CHALLENGE

*HMS Caroline, the last surviving vessel from the 1916 Battle of Jutland, now rests in the Titanic Quarter in Belfast. After a second life as floating Headquarters of the Royal Navy during World War II, this living legend will continue to **serve the country as a museum ship**. For this purpose, however, extensive restoration appeared to be essential. The key requirement on HMS Caroline was to avoid penetration of the deck surface. To safeguard its historic heritage against damage, the Royal Navy sought a reliable waterproofing solution.*

## SOLUTION

Versatile and impenetrable! What used to be the properties of this battle cruiser, happen to apply to the **RENOLIT** synthetic single ply roofing membranes as well. That's why **RENOLIT ALKORPLAN** was heralded as the optimal solution for the refurbishment of the ship's gun deck. The lead grey **RENOLIT ALKORPLAN A** provided an ideal modern day solution with an impressive finish. On top of a new layer of insulation board,



the calendered and laminated fleece-backed PVC membrane was fully bonded with a combination of the **RENOLIT ALKORPLUS<sub>81068</sub>** polyurethane adhesive and the universal **RENOLIT DUALFIX<sub>81065</sub>** glue. **RENOLIT ALKORPLAN** stands out above the competition given its excellent weldability, simplicity of detailing and overall versatility. Once installed, ongoing maintenance of the membrane will be minimal with a predicted life expectancy in excess of 35 years (BBA approved).

On 31<sup>st</sup> of May 2016 the freshly refurbished HMS Caroline stole the show as a fitting backdrop for a commemoration honouring its centenary.

## MUSEUM SHIP

- HMS Caroline
- Belfast, Northern Ireland
- Laydex (NI) Ltd
- Abbey Roofing specialists Ltd

## PRODUCTS

- **RENOLIT ALKORPLAN A<sub>35179</sub>** roofing membrane
- **RENOLIT ALKORPLUS<sub>81068</sub>** polyurethane adhesive
- Universal **RENOLIT DUALFIX<sub>81065</sub>** adhesive for bonding both insulation and roofing membranes

