

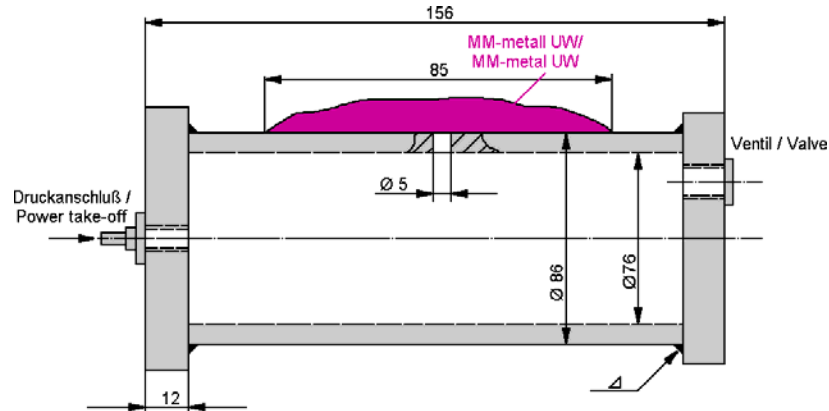
## Technical Report PolymerMetal®

### TEC-# 012

Pressure tightness test of MM-metal UW

### Used products

MM-metal UW



### Testing method:

The pressure tightness has been tested at repaired leakages at MAN-testing bodies with MM-metal UW. This test has been carried out according to the test reports of Lloyd's Register of Shipping.

### Results:

The following data are from a repair under water with MM-metal UW and Hardener UW9:

<u>Pressure</u>	<u>Data</u>
50 bar	pressure tight
100 bar	pressure tight
120 bar	after 10 min small leakage

The following data were achieved at a repair on a wet metal surface with a first layer of MM-metal UW with Hardener UW3 and a final coating with MM-metal UW and Hardener UW9:

<u>Pressure</u>	<u>Data</u>
100 bar	pressure tight
150 bar	pressure tight
200 bar	after 15 min small leakage

### Conclusion:

MM-metal UW can be used in many cases, where an application under water or on wet surfaces is required. The total curing time at 20 °C is between 10 - 60 minutes and a processing is possible up to an ambient temperature of 0 °C. Because of the a.m. technical data MM-metal UW can be used e.g. to seal leakages at water pipings, which need to resist strong pressure.

## MultiMetall

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The product information and instructions provided in this leaflet were prepared to the best of our knowledge and serve information purposes only. We recommend that appropriate tests are carried out prior to application in order to ensure that the products and methods fulfil the purpose desired by the user. In this procedure, the given data may serve as a basis. Application and processing of the products lie outside our possible control and are therefore the sole responsibility of the user.