



**HEGTEL  
TRADE**



# Repair and Maintenance with PolymerMetals



Product name	Properties / usage
<b>MM-metal SS</b> (Steel, Aluminium, Copper, Bronze)	Various pure metal or alloy reconstruction; with machining ability
<b>MM-metal SS-steelceramic</b>	Mechanical repair of metals and alloys
<b>MM-metal OL-steelceramic</b>	Certified material for repairing oily metal surfaces and oil leaks
<b>MM-metal SS-steel 382</b>	High compressive repair; excellent for grouting/cavity-filling
<b>Ceramium® CE</b>	Protects against cavitation damage, erosion, corrosion and abrasion
<b>Ceramium® CH</b>	Protection against harsh chemical attacks
<b>VP 10 - 017</b>	Protects against cavitation damage, erosion, corrosion and abrasion
<b>VP 10 - 500</b>	High temperature applications; up to 550 °C
<b>Molymetal®</b>	Low frictions applications; self-lubricating properties
<b>MM-Elastomer</b>	Repair of rubberized and metal components; abrasion resistance
<b>XETEX® BD</b>	High strength adhesive for bonding metals, ceramics and plastics
<b>MM-metal SQ</b>	Easy processing and extreme short full curing for emergency repairs
<b>MM-metal UW</b>	Underwater repair; water leak sealing; repair of wet metal surfaces
<b>Sealium®</b>	Sealing of metallic castings; repairing hairline cracks

## The innovative capacity of MultiMetal®

### Mechanical Stress

Compressive strength 211 MPa  
E-modulus 15,600 MPa

### Tribological Attack

Wet steam 250 °C 450 m/s

### Oily Surfaces

At any level of contamination  
Hydrocarbons and  
Transformer oils

### Chemical Resistance

Continuous immersion,  
test period 10 years & 7 months  
Highest level of diffusion barrier  
Sulphuric acid 98%  
weight change 0,24%  
Hydrochloric acid 36%  
weight change 1,2%

### Adhesion to Metal

Lap shear strength on steel  
41 MPa (DIN EN 1465 )