

209 耐磨，抗撞击 聚氨酯涂层

产品为弹性厚浆型，无溶剂聚氨酯涂层，设计用于极端冲击，泥浆磨损或颗粒磨损等工况。

主要应用

溜槽，料斗，泵，
阀门，管道

特征 状态

基料： 浅灰色或蓝色
固化剂： 琥珀色
混合后： 浅灰色和蓝色

混合率

重量比： 3.25:1
体积比： 3:1

密度

基料： 1.31
固化剂： 1.22
混合后： 1.29

体积容量

1000cc/Kg

固含量

100%

抗流挂性能

400 microns为 0

覆盖率

1升完全调配后的材料有以下覆盖率 -
400 微米—2.5 m²

注意：理论计算数值，平面基材下，未计算表面凹坑等。

固化时间

进行以下作业前按下述时间放置
固化：

操作时限

10°C 40 分钟
20°C 20 分钟
30°C 10 分钟
40°C 5 分钟

最短再次涂覆

10°C 12 小时
20°C 6 小时
30°C 3 小时
40°C 1.5 小时

最长再次涂覆时限

10°C 72 小时
20°C 36 小时
30°C 18 小时
40°C 9 小时

完全固化

10°C 14 天
20°C 7 天
30°C 3.5 天
40°C 1.75 小时

储藏时限

干燥、常温未开封下(15-30°C)
2 年

机械性能

粘接性

拉伸剪切在粗糙度为75微米的碳钢上按ASTM D1002标准测试结果： 200kg/ cm² (2850psi)

耐腐蚀性能

按 ASTM B117标准测试
最短 5000 小时

抗扰强度

按ASTM D790标准测试
试结果：

614kg/cm² (8710psi)

抗撞击性能

按 ASTM D256标准测试结果：
32J/m

硬度

Shore D按 ASTM
D2240标准测试：
20°C 80

粘接力 - 拉拔测试

按BS EN 10290标准测试结果：
175kg/cm² (2480psi)

延展率

按BS EN 10290标准测试结果：
14.5%

抗化学性能

该产品可耐受大部分无机酸、碱盐及有机化学品。
具体请联系Resimac技术部门。

Quality

All Resimac Products are supplied under the scope of the company's fully documented quality system.

Warranty

Resimac warrants that the performance of the product supplied will conform to the typical descriptions quoted within this specification provided material is stored correctly and used according to the procedures detailed in the Technical Data Sheet for the material.

Health and safety

Please ensure good practice is observed at all times during the mixing and application of this product. Protective gloves and other recommended personal protective equipment must be worn during the mixing and application of this product. Before mixing and applying the material please ensure you have read and fully understood the detailed Material Safety Data Sheet

Legal Notice: The data contained within this Product Specification is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. Resimac accepts no liability arising out of the use of this information or the product described herein.