

R&R[®] Rantyre[™] Tire Molding Plaster

Ideal to Make Molds for the Vulcanization of Tires

R&R RANTYRE tire molding plaster is used to make molds for the vulcanization of tires.

Delivering Consistency with Excellent Benefits



The benefits of using R&R RANTYRE tire molding plaster include:

- Reduced mold cracking.
- Reduced finishing costs.
- Improved as-cast surface finish.
- Tighter tolerances.
- Reduced warping and cracking.

R&R RANTYRE tire molding plaster has been delivering material consistency, batch-to-batch for years and has two dedicated, approved manufacturing facilities, in the USA and Germany.

Typical Material Properties*

Consistency (Water/Powder Ratio)	46/100 (by weight)
Pour Time	10-11 minutes
Set Time	<26 minutes
Setting Expansion	<0.15%
Permeability (darcy)	0.03
Thermal Expansion at 302 °F (150 °C) on cooling curve	+ 0.011%

*These results are based on the testing methods, frequency and procedures of Ransom & Randolph or its approved suppliers. The levels referenced herein are only for general guidance and do not constitute a firm specification.

PRODUCT DATA SHEET



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