

DRY BR5 REFRACTORY CEMENT

APPLICATION

DRY BR5 is an air setting aluminous refractory mortar supplied in a dry form, with a maximum service temperature of 1600°C. It is particularly useful for jointing insulation brick in an environment where a high iron content may be detrimental (e.g. pottery glost kilns). Its long shelf life has proved very useful to customers in hot climates where ordinary wet cements have a tendency to premature setting.

MIXING INSTRUCTIONS

All dry mortars contain ingredients, which are quite slow to dissolve and the best results will be obtained if they are mixed at least 12 hours before intended use. It is essential that the minimum amount of water is used as the mortar will become more plastic during the ageing process. For DRY BR5, the recommended water addition is 11 litres per 25kg bag. The dry powder should be slowly and thoroughly mixed into the water. The final mixture should be of a trowellable consistency.

CLASSIFICATION

It is not advisable to use DRY BR5 beyond a maximum service temperature of 1600°C (=MST).

<i>Typical Properties (Mixed Product)</i>	
<i>Bulk Density</i>	<i>1800 - 2000 kg/m³</i>
<i>Moisture Content</i>	<i>20 - 25%</i>
<i>+500 Micron Content</i>	<i>0 - 0.5%</i>
<i>Pyrometric Cone Equivalent</i>	<i>>1475°C</i>
<i>Alumina Content</i>	<i>31 - 38%</i>
<i>Iron Content</i>	<i><1.5%</i>



PACKAGING-STORAGE

DRY BR5 is supplied in 25kg paper sacks, which should be used in rotation. Store in dry conditions and never use part bags as moisture pick-up from the atmosphere will result in the deterioration of the bonding agent.

Information presented above is given in good faith as accurate and reliable but is not to be taken as a guarantee. The figures provided are intended to be a guide to expected average values and should not be interpreted as a specification. Any potential applications referred to are not to be construed as recommendations. It is the responsibility of the user to determine suitability for any specific purpose.

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