



TECHNICAL DATA SHEET

Red Brick Dust

RJ 7.03

Description:	Finely ground clay Brick and Tile fired at low temperature (c.9000C) is a reactive artificial pozzolan. Pozzolans are not themselves cementitious, but contain constituents that react with lime at ordinary temperatures in the presence of water to form stable hydraulic compounds.
Uses:	Finely powdered brick can be added to lime mortars to increase strength and improve long-term durability. Pozzolans react with free lime in mortar and lime efflorescence is therefore less likely. Porosity and permeability are both reduced.
Appearance:	Fine red/pink powder
Availability:	Ex stock. 25kg bags
Shelf Life:	Indefinite stored in dry conditions
Observations:	To be mixed, normally as a slurry, with lime mortar immediately before use. Add at 5%, 7.5%, 10% or 15% (by volume to mortar) depending on site exposure and the particular circumstances. Do not remix setting mortar.
Health & Safety:	See Safety Data sheet RJ7.04HS H335 - may cause respiratory irritation. Fine powders of nuisance dust classification. Use gloves, overalls, facemasks and respiratory protection as appropriate to working environment.
Technical Data:	Pozzolans: RJ 7.01 Argical M1000: RJ 7.04B PFA (Pulverised Fuel Ash): RJ 7.09 Use of ordinary mortar: RJ 2.03 Lime Putty Renders: RJ 2.09