



PLASTIC MORTAR may be hand compacted or trowelled into place where freedom of movement permits. Consistency can range from thick cream to smooth plastic.

DRY PACK MORTAR must be firmly pressed or rammed into place. Consistency should allow pressing into firm ball without cracking.

Under machine bases, footplates

1. If required, prepare formwork to restrain the grout in the position required. The top of the formwork should be at least 50 mm above the final levels sought.
2. When viewed in plan, a suitable gap between the formwork and bedplate is required. The provision of the gap allows for placing, rodding and vibrating the grout. In addition, the movement of the grout may be monitored to ensure complete support. At points where pouring is to be carried out, the gap should be at least 75 mm wide, but should not be less than the final depth of grout.
3. If long flow distances are required, use a grout box to provide a larger head of material. The dimensions should be large enough to allow the use of a poker vibrator. Alternatively, if the machine base can accommodate the siting of extra grout holes, these should be provided. Consult **abe** for a more fluid grout for long flow distances.
4. Pouring should be carried out from one side of the unit, to ensure the elimination of entrapped air. A flexible rodding tool, such as a strip of thin flat metal plate or rod, should be used to keep the grout moving while pouring. A poker vibrator should also be used to agitate the material.

Cavities in concrete:

1. All loose and deleterious material must be removed prior to repairs being carried out. Where possible, chase out a high point vent. If this is not possible and high points are present, vent tubes must be positioned to allow air to be vented and the void totally filled.
2. The surrounding concrete must be fully saturated before **duragrout E** is placed. Provide grouting boxes to allow a head of material to be built up. Alternatively, the grout may be packed into position, if mixed as a dry pack material. If

hand packed, trowel off to a smooth finish using a metal float.

CURING

Grout surfaces should be protected from wind or high temperatures, which can cause rapid drying. Cover the surface with damp sacks or spray with **duracure** curing compound.

MODEL SPECIFICATIONS

Expansive cementitious grout.

The grout will be **duragrout E**, a pre-packed, expansive cementitious grout applied in accordance with the recommendations of **abe Construction Chemicals**. The grout will have a minimum one-day compressive strength of 18 MPa.

PACKAGING

duragrout E is supplied in 25 kg polyethylene lined paper bags.

HANDLING & STORAGE

This product has a shelf life of 12 months if kept in a dry cool place in the original packaging. In more extreme conditions this period might be shortened.

HEALTH & SAFETY

duragrout E is alkaline and should not be allowed contact with skin and eyes. Avoid inhalation of dust during mixing by wearing dust masks. The use of gloves, eye protection and dust masks is advised. Immediately wash with water in the event of contact with skin. Splashes into eyes should also be washed immediately with plenty of clean water and medical advice sought.

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **abe Construction Chemicals** endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot - because **abe** has no direct or continuous control over where and how **abe** products are applied - accept any liability either directly or indirectly arising from the use of **abe** products, whether or not in accordance with any advice, specification, recommendation, or information given by the company.

FURTHER INFORMATION

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. **abe Construction Chemicals** has a wealth of technical and practical experience built up over years in the company's pursuit of excellence in building and construction technology.