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MATERIAL DATA SHEET

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1 Product Description

Bagged Dry-dashing (roughcasting/pebble dashing) aggregates. The standard grading of the stone used is 3mm-8mm. Natural aggregates are sourced from a wide variety of rock types typically including Granite, Quartz, Basalt, Grit-stone, Limestone, Sandstone and Marble. The aggregates are washed and if required blended to a pre-determined formula or mix.

2 Usages

Dashing aggregates are applied to uncured rendered facades to create a pebble dashed finish.

3 Colours

A wide variety of colours are available to suit all areas. Representative samples and matching of existing products is available.

4 Coverage and weight

Products are packed in 25kg bags (approximate weight) that will provide approximately 2 square meters of coverage per bag depending on the applicator.

5 Application

Aggregate should be applied using a suitable dashing application tool or scoop with the aggregate thrown in a straight motion at the fresh render. If deemed necessary the aggregate can be lightly tampered with a flat trowel to remove any undulations to ensure a flat even finish. The aggregates used for Dry-dashing are predominantly naturally occurring minerals that will have colour variations that allows little control over colour consistency. At Lloyds Spar Quarries care is taken to reduce any colour inconsistencies although no company can guarantee this. It is important to ensure that aggregates used are from the same manufactured batch to reduce any potential colour matching issues. No aggregate should be applied directly from the bag that it was supplied in. Any fines contained in the bag will usually fall towards the bottom of the bag and this can cause patching when applied where an area with a higher percentage of fines will differ in texture, colour and finish to an area dashed with aggregates containing little or no fines. All dashing aggregates should be decanted from the bags into a clean drainable container (i.e. a plasterer's bath) and blended with 4 to 5 other bags ensuring that the colour and any fines are mixed evenly within the container prior to application. Dashing aggregates supplied by Lloyds Spar Quarries do not require any further



washing at this stage and care should be taken to ensure that the moisture content within the aggregates will not affect the performance of the render to which it is being applied. This blending process should be repeated throughout the application with more aggregate being added as the material is being applied. The aggregate should be applied in a damp but not soaked state as this helps with the adhesion to the render. Care should be taken to ensure that the moisture content of both the aggregate and the render is consistent as differentials caused by atmospheric conditions can create problems such as dashing the same elevation in changeable weather on the same day. Lloyds Spar Quarries does not recommend the re-use of aggregate that has been collected up following the first application. Any aggregate that has been walked on or exposed to any substance that could contaminate it should be disposed of in the responsible way and not re-used as a dashing aggregate. A tray should be used underneath the application to collect any stone that has not adhered to the render as part of the application. This also protects the work space below.

6 Temporary Protection from Weather

When scaffold is used to apply dashing aggregates in poor or exposed weather conditions temporary protection of the elevation should be used. Driven rainwater can bounce or be deflected onto the dashed area creating scaffold lift lines on the wall that are often not seen until the scaffold is removed. Sheeting off the elevation can prevent this as it is not possible to rectify this problem without replacing the entire affected area. Consideration should be given to scaffold protection prior to any work commencing on site and ideally at the tender stage of any scheme. The render manufacturers guidelines should be followed regarding application but as a general rule application should only be carried out in dry conditions and in temperatures no lower than +5 degrees and no higher than +30 degrees as the performance of the render may be compromised outside these temperatures.

7 Handling & Storage

All aggregates for dry-dashing are supplied in sealed polythene bags that comply with the manual handling regulations. Loose or bulk bagged material should not be used for Dry-dashing. In accordance with BS 5262:1991(39.4) aggregates should be stored separately, according to type, on clean hard dry ground that is well drained and protected from contamination by soil, falling leaves or other harmful materials. If special non-standard aggregates mixes are used they should be obtained in sufficient quantities at one time to enable material of the approved colour to be used for the whole of the scheme. On larger schemes that involve multiple deliveries natural breaks should be used (i.e. another house, corners or different elevations on the same property). Should the material used require moving from the pallet it is supplied on then care should be taken to prevent over handling. This will cause higher fines content within the bag caused by the attrition of the aggregates within the bag during the handling process. Special care should be taken when transferring the product from the pallet to the working platform or and site storage facility to ensure that the bags are not



walked on or climbed on at any point prior to their application. The bagged product can be stored externally if required. The aggregate is non-flammable but the polythene packaging and pallet may create a fire risk and should not be exposed to naked flames. Please dispose of any packaging or unused aggregate that cannot be recycled to other schemes in a responsible manner and you should comply with any statutory regulations. Any relevant safety equipment should be worn at all times. When handling products regard should be given to the risks outlined in 'Manual Handling Operations Regulations 1992 (amended 2002) Aggregates are inert but should be disposed of in accordance with local and national legal requirements. See the Environmental Protection Act 1990 "Duty of Care". An approved solid waste disposal or landfill site may be used. Do not burn the shrink wrap, bags or any other packaging materials.

8 Transport Information

Special Carriage Requirements

None - open vehicles to be sheeted to avoid dust nuisance. Hauliers should observe Healthy and Safety and Road Regulation guidelines/laws regarding safe carriage and the loading and unloading of goods.

9 Ecological Information

Environmental Assessment

When used and disposed of as intended, no adverse environmental effects are foreseen. Aggregates are naturally occurring minerals. Do not discharge this product into the natural environment. Products may be toxic to aquatic life forms if spilled into rivers, ponds, watercourses etc.

10 Health & Safety

Safety data sheets are available on request.

Further Information

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Legal Notice

The information contained in this Material Data Sheet was considered the best available at the date of issue. However, no warranty is made or implied that the information is accurate or complete. It is the user's obligation to evaluate and use this product safely and to comply with all the applicable laws and regulations.