



eco



DASHING

THE ULTIMATE GUIDE TO
DRY-DASHING AGGREGATES

E.W.I. SYSTEM PROTECTION THAT WORKS FOR YOU

QUALITY, RELIABILITY AND CHOICE FROM START TO YOUR FINISHED RENDER.

Derbyshire Aggregates have been producing quality aggregate products for the construction and refurbishment industries since 1984.

Today our extensive dashing range is sustainably sourced from quarries throughout the UK and Europe. Investment in production facilities ensures that we are able to produce grades and mixes to meet customers exacting requirements.



Dry-dashing aggregates onto render

This information provides good practice methods ensuring a clean consistent product at all times.*

By working with contractors, system designers and specifier's our range has developed into the most comprehensive set of dashing products available.

Continuous quality material selection

All dashing aggregates supplied by Derbyshire Aggregates are washed and screened at least twice prior to being packaged. It is normal for many products to be washed and screened again as part of the blending process used to create the large range of colours and textures demanded by our customers.

Products are carefully handled during the washing, blending and bagging process to minimise the attrition created when aggregates rub together which can cause a higher percentage of fines in the finished product.

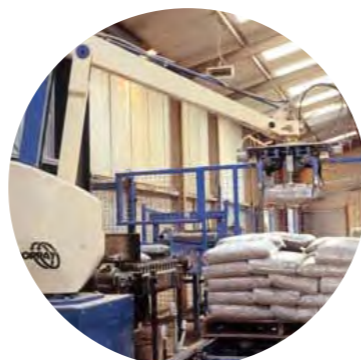
Shrink-wrapping seals the product until it reaches site using robotic packing lines that prevent manual handling contamination.

Working with nature

Colours of aggregates occur naturally and some variation can be present within the quarry. At Derbyshire Aggregates we deal with this by holding large stocks which are constantly rotated and blended to control colour consistency keeping any variation to a minimum. This is an important key factor in our quality control and at any time **we stock in the region of 20,000 tonnes of materials to ensure consistency of grade and colour.**

The manufacture of standard products is usually carried out in production runs of 100 tonnes or more to ensure a high quality and consistent result with all batches.

*This guide deals with issues relating to the aggregates being used and will not attempt to offer guidance or advice regarding the render that they are being applied on to.



Handle with care

All dry-dashing aggregates are supplied in sealed polythene bags that comply with the manual handling regulations. This is due to the possible contamination of the product prior or during application. The segregation of fines to the bottom of bulk bags or loose loads will create an inconsistent finish given that the fines cannot be distributed evenly and this can lead to an inconsistent and patchy finish when applied.*

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.

Special non standard aggregate mixes should be obtained in sufficient quantities at one time to enable material of the approved colour to be used for the whole of the work. On larger schemes that involve multiple deliveries natural breaks should be used (i.e. another house, corners or different elevations on the same property).

Care should be taken to prevent over handling when transferring the product from the pallet to the working platform or on site storage facility. This will cause higher fines content within the bag caused by the attrition of the aggregates within the bag during the handling process.

*Loose or bulk bagged material should not be used for Dry-dashing. Applicators use this method at their own risk.



Yellow Gravel Iron Staining

Rust or Iron staining is a natural occurrence that can occur in products that have a high iron content. The problem is often increased if the site is in an exposed or coastal region.

It is not possible to screen the iron content out of the product as it is part of the chemical makeup of the aggregate.

Given that iron staining is a natural occurrence no guarantee can be given or liability accepted for areas affected by iron staining.

Derbyshire Aggregates only select aggregates from quarries that have proven records of low iron content.

Products that may contain iron traces are marked in our standard products listing. Advice can be given as to the best course of action required to treat any problematic areas.

Whilst iron staining can cosmetically spoil the appearance of the affected areas it has no detrimental effect on the render itself.

Only aggregates selected from our stain free range can ensure that there is a very low risk of any problems occurring.



Alternative Yellow Dashing Spars that are Iron Free

Sunset 3-8mm



Iris 3-8mm



Honey 3-8mm



Seville 3-8mm

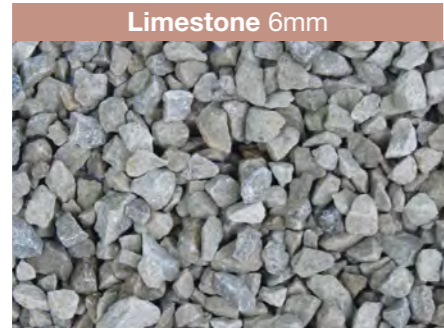


WE CAN SUPPLY YOU THE UK'S LARGEST RANGE OF DRY-DASHING PRODUCTS

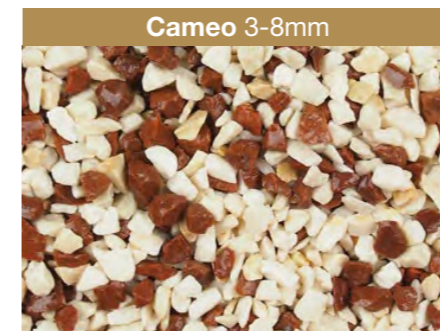
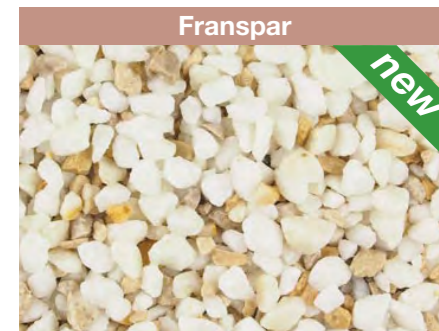


DO YOU REQUIRE SAMPLES?

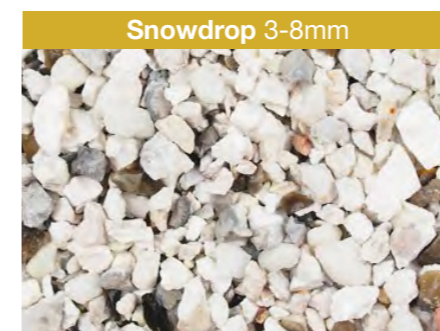
Contact the sales team on **01629 636500** to discuss your needs!



DO YOU REQUIRE SAMPLES? CONTACT THE SALES TEAM ON 01629 636500



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A RANGE OF DRY DASHING AGGREGATES DESIGNED TO MEET YOUR RENDER SPECIFICATION

Ecodashing Environment and Design Benefits

The requirement to ensure that the EWI 25 year **guarantees** are met is enhanced with the use of Ecodashing.

The new Eco range provides a vast array of choice ensuring that the colour and specification meet the demands of the large local authority ECO contracts and those of the private individual under the Green Deal.

Ecodashing meets the requirements of all EWI systems using the Dash Option.



Matching Service

We offer a matching service. Please supply either a photograph or a sample and we will post our sample to meet your needs. We are also happy to visit site to provide advice.

Sample before you buy

All our products can be supplied in handy sample boxes containing 18 different product types. This affords clients the opportunity to see the products first hand. If you need to produce Sample boards for your clients please ask for details of our Sample pallet!





APPLICATION

The aggregates used for Dry-dashing are predominantly naturally occurring minerals that will have colour variations that allows little control over colour consistency. At Derbyshire Aggregates 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 3 to 4 other bags ensuring that the colour and any fines are mixed evenly within the container prior to application.

Dashing aggregates supplied by Derbyshire Aggregates Limited 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.

Dashing the same elevation in changeable weather on the same day can cause similar problems. Derbyshire Aggregates Limited 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 off in the responsible way and not re-used as a dashing aggregate.



USEFUL HINTS AND TIPS

Uneven appearance due to lime bloom

“Lime bloom is the most common form of efflorescence on cement based renders. It is caused when lime moisture migrates to the surface of damp render. The moisture evaporates, leaving the lime on the surface. Here, it reacts with carbon dioxide from the atmosphere to produce a thin surface layer of calcium carbonate crystals. When this surface coating dries out, the crystals appear white, giving the appearance of colour fading or being washed out. Lime bloom forms most readily when the render remains damp for several days shortly after application. The steps that can be taken to reduce the risk of lime bloom range from including a water-reducing or waterproofing admixture which will reduce the permeability of the mix, to controlling the curing conditions of the render by covering with polythene sheeting, firmly fixed so that it is not in direct contact with the surface of the render, for a few days to enable the mix to develop strength.”

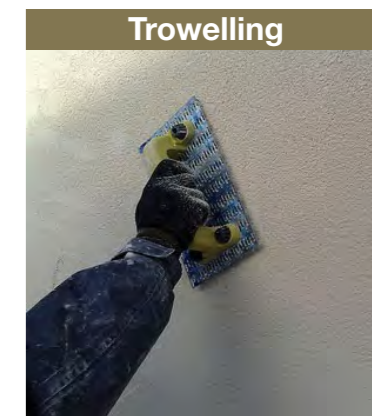
(Extract of information from Castle Cement).

Uneven appearance and irregularity of surface texture

Uneven trowelling and application of chippings can cause patchy appearance on walls. The absence of a suitable waterproofing agent can lead to marked differences in suction resulting in difficulties in embedding the chippings evenly to the mortar. This results in the chippings being more pronounced in some areas than others resulting in irregular overall appearance. Unless both the mortar and the chippings are applied evenly to the wall and with the same intensity, the wall appearance will be irregular. Care should be taken to obtain a wide and even spread in order to distribute the aggregate and give a uniform appearance.

Temporary Protection of Dashed Elevations

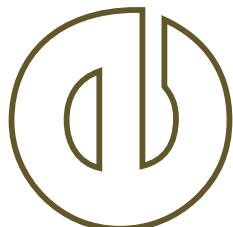
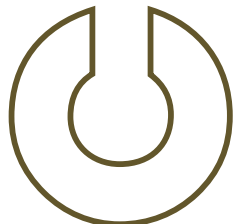
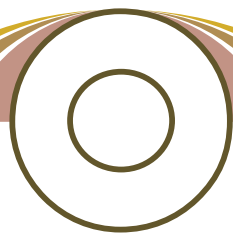
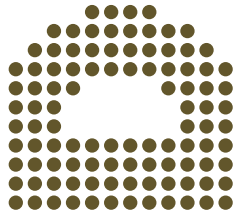
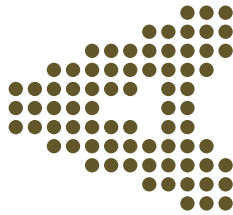
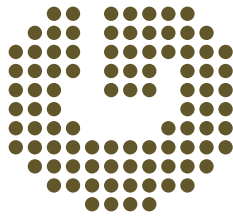
When scaffold is used to apply dashing aggregates in poor or exposed weather conditions temporary protection of the elevation should be used. Driven rainwater can bounce or be deflected onto the dashed area creating scaffold lift lines on the wall that are often not seen until the scaffold is removed. 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.



Trowelling



Temporary Protection



Customer Focussed Service

Our Customer Service and Technical Support Team can advise on the best aggregate to meet your exacting specification, this will ensure a maintenance free finish that when applied correctly will last the lifetime guarantee.

Our highly experienced team can also offer advise on quantity calculation.

Supply Chain

Our production and storage facilities mean that we are NEVER out of stock of your dash requirements. During the heightened activities at the end of 2012 all of our customers were supplied in full in time!

Derbyshire Aggregates investment in storage area and stock holding and planning allow us to make this promise.

Delivery you can rely on

From 1 pallet to 28, our delivery service ensures your product is delivered when and how you need it. From Artics to Tail-Lifts, Hi-abs and Moffet trucks – if your site needs it we can supply it!



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For more information including delivered rates contact the Derbyshire Aggregates sales team on:

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