



TECHNICAL DATA SHEET

Envirodash Dashing Receiver

Product Code: ESPS/SDR-TC/stan/***, ESPS/HPDR-TC/stan/***

ASSOCIATED COMBINATION PRODUCT

Dashing Aggregate

Product Codes: ESPSAG 01 – 20 Various Aggregate Sizes and Colour Mixed Blends



SPS ENVIROWALL PROMOTES THE RE-USE –RECYCLING AND RESPONSIBLE DISPOSING OF ALL OF ITS PRODUCT RANGE, VIA THE LOCAL ENVIRONMENTAL RECYCLING SCHEMES.

Characteristics

Envirodash is a high performance cement based fibre through coloured, dash receiver render. Available as Standard and High Polymer. The High Polymer version offers enhanced water repellence with excellent workability and open time properties. Envirodash is used in conjunction with Dashing Aggregate to create a long lasting and cost effective protective finish.

Technical Data

Reaction to fire	E; (Class 0 as a part of external insulation system)
Dry bulk density	1510 kg/m ³
Compressive strength	CS IV
Adhesion	≥ 1.0 N/mm ² , (FP) B
Capillary water absorption	W2
Water vapour Permeability coefficient	μ ≤ 15/35
Thermal conductivity	(λ10, dry) 0.61 W/mK (tab. mean value; P = 50%)
Consumption	Approximately - 1.6 kg per mm / per m ²

Substrate

All surfaces must be sound, clean, dry and free of any material which may impair adhesion. The basecoat will require a key to be applied to receive the Envirodash finish. If in doubt about the substrate please consult our Technical Department for advice.

Application

Envirodash should be mixed with clean water at a rate of approximately 4.75 litres per 25kg bag using a suitable paddle or pan mixer, mix for 2 minutes, allow standing for 2 minutes then re-mix to allow the additives to dissolve and activate.

NB- The mix may stiffen on standing. Re-mixing the product can regain a workable consistency but do not add any extra water. Do not apply when the substrate is hot (at or above 30°C) or below 5°C or the environmental temperatures are below 3°C or above 25°C.

Before commencing the application of the top coat ensure all scaffold boards are swept and if required washed clean, ensuring all dust and dirt is swept away from the face of the wall.

Apply one coat of Envirodash dash receiver 4-6mm thick onto the set basecoat and then whilst the receiver is still wet apply the dashing aggregate onto the dash receiver ensuring an even spread of dash aggregate across the elevation (not directly from the bag, as this may result in isolated patches of smaller aggregate). Ensure dash aggregate does not become contaminated during this process.

Provisions must be taken to protect the dash receiver against torrential rain, direct sunlight and wind in the first 24 hours after application. Do not apply if frost is forecast or in wet conditions. Do not apply when relative humidity is above 95%. If these parameters are not met, the product is at risk of Lime Bloom efflorescence colour variation, cracking and potential failure. Covering the façade and scaffold as a precaution will help prevent the



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receiver from drying prematurely. To avoid colour variations, ensure that the same batch numbers where possible are used up to natural breaks in the elevation.

Dashing Aggregate (Spar) Application - Do not apply aggregate direct from the bag. Any fines contained in the bag will usually collect towards the bottom of the bag and this can cause patching when applied. Areas 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. The aggregates used for dry-dashing are predominantly naturally occurring minerals that will have colour variations that allows little control over colour consistency. It is important to ensure that the aggregates used are from the same manufactured batch in order to reduce any potential colour matching issues. The re-use of aggregate that has been collected up following the first application is not recommended. 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.

NB:  Certain types of dash aggregate contain iron which may be susceptible to future iron staining. Contact SPS Envirowall for further assistance.

Storage

Envirodash must be stored unopened in a dry place at temperatures above 5°C. Shelf life is 12 months from date of manufacture.

Certificates/approvals

Identification

All SPS Envirowall products are factory blended, tested and packaged to quality control procedure in accordance with BS EN ISO 9001 series.

Special Information

Disposal

RECYCLING AND RESPONSIBLE DISPOSING OF ALL OF ITS PRODUCT RANGE, VIA LOCAL ENVIRONMENTAL RECYCLING SCHEMES.

Do not empty contents into the ground, water courses or drains. Check local landfill requirements for correct disposal. See the SPS Envirowall Limited Health & Safety data sheet on this product for information regarding the safe disposal of this product.

The information supplied in this Technical Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Our application recommendations, whether verbal, written or as graphics, are given to the best of our knowledge and the state of the art. Information about values, quantities etc. are based on approximate figures. The

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recommendations do not constitute a legally binding warranty of quality. In particular no liability claims may be based on these recommendations; the provisions of the product liability law remain unaffected.

The recommendations do not release the purchaser from his own duty to test the product or from his own responsibility, and in particular they do not release the purchaser from compliance with the relevant technical guidelines, regulations, DIN and laws. Publication of a revised version of this technical information sheet due to technical progress invalidates all older versions of this document.