SOLTHERM SDR

Standard dash receiver

PROPERTIES:

- Breathable
- Water resistant
- Durable
- Good adhesion
- Cement based, requiring addition of water before use
- Excellent background for any dry dash or roughcast finishes
- Suitable for different substrates
- Attractive colours

USE:

BOLIX SDR is cement based, polymer modified and self-coloured dash receiver, requiring only the addition of potable water and 5 minutes mixing time. Normally applied as an excellent background for any dry dash or roughcast finish for new build or refurbishment. SOLTHERM SDR is suitable for use on external wall insulation (EWI) systems (based on EPS and mineral wool) as a part of EWI system. Typical substrates are external wall insulation (EWI) system base coats.

SUBSTRATE PREPARATION:

The base coat should be sound, even, clean, free from contamination, such as oil, dust, grease, bitumen, paints, free of cracks as well as algae and moss and chemical deposits.
The base coat with the embedded glass fibre mesh is trowel-applied to the surface of insulating boards to a minimum thickness of from 4 mm to 6 mm. Using very light horizontal strokes, gently run a plaster's scarifier (or similar) over the surface of the base coat to provide a suitable key for the dashing mortar coat (dash receiver). The base coat must be left to harden for at least one day before application of the SOLTHERM SDR.
Base coat on EPS board should be made of SOLTHERM UB or SOLTHERM WB.
Base coat on mineral wool board should be made of SOLTHERM MB.

PRODUCT PREPARATION:

Measure the water 5,0 - 5,5 l/25 kg sack into
a suitable container and slowly add the SOLTHERM SDR while mixing using an agitator or a low-speed drill and jiffy mixer until a homogeneous consistency is achieved. After 5 minutes and another stirring, the mixture is ready to use. Depending on the temperature and humidity, the mortar is workable for 1,5 h. Preparation and application operations as well as drying require ambient and surface temperature from 5°C to +25°C. Make sure that water dosage for each mortar package is the same. The product is supplied as a pre-mix, do not admix any additives or other components.
Product Application:
Apply a uniform layer of SOLTHERM SDR render to achieve a flat plane surface at approximately 6-10 mm thick, depending on the size of dashing aggregates. While the render is still plastic, throw or spray washed aggregate onto the surface to give a uniform coverage. Immediately tamp the aggregate particles lightly into the SOLTHERM SDR render with a wood float, and ensure a good bond is achieved.

LIMITATIONS:

- Make sure that the substrate is even and well-prepared.
- Fresh mineral substrates (such as concrete, cement and lime-cement renders) should be allowed to cure for 3-4 weeks before substrate preparation and render application.
- Allow the primed surface to dry (min. 4-6 h when drying under optimal conditions) and start render application once the surface has dried. As optimal conditions we take the temperature of +20oC and 60% relative humidity
- Before application, organise labour (take into consideration number of installers, their skills, equipment, surface condition and weather conditions) to operate most effectively, ensuring that the planned wall area can be completed in one operation.
- Render application should take place in rainless weather, temperature between +5°C do +25°C and stable humidity.
- Apply the render at surface temperature from +5°C to + 25°C.
- Fresh coatings must be protected against rain and temperature below +5°C and above +25°C until they are set.
- During render application, it is recommended to cover the scaffolding with mesh to protect against unfavourable weather conditions.

PRECAUTIONS:

Due to alkaline reaction of the product, avoid contact with skin and eyes. In case of eye contact, flush eyes with plenty of water and seek medical advice.

RECOMMENDATIONS:

SOLTHERM SDR is composed from natural components, and to obtain desirable decorative finish, apply under stable weather conditions on one whole surface and in a continuous motion, using materials from the same batch. The same batch would constitute a product of the same production date.

TOOLS:

- Agitator or a low-speed drill (400÷500 rpm) with jiffy mixer,
- Stainless steel flat trowel to coat the surface with slurry
- Stainless steel trowel to remove excess render
- Stainless steel spreader and masonry trowel
- Masking tape for separating rendered area and for seaming

TECHNICAL PARAMETERS:

Bulk density: app. 1,35 kg/dm3

COVERAGE:

Approx. 1,5 kg per mm thick m2.
6 – 10 mm thickness / 9 – 15 kg per m2.
Dash aggregates: approx. 10 – 15 kg/m2.

Usage is typical usage and may vary between installers. Coverage rates quoted for products will not be guaranteed under any circumstances. The rates quoted are based on site experience

SOLTHERM SDR

Standard dash receiver

but may vary due to site conditions, operator skills etc. No claim will be allowed relating to coverage of materials.

STORAGE:

Protect intact original containers from damp during transportation and storage. Shelf life up to 12 months from the date of production provided on the packaging. Store away from the reach of children.

COMPOSITION:

Soltherm SDR dash receiver is a dry mixture of cement, lime, mineral fillers, mineral pigments and organic additives and modifiers.

COLOUR:

Cream, white, salmon pink, buttermilk, grey.
Special colours also available.