

RESIBLOCK

Sealing, Stabilising, Protecting Paving

Datasheet

RESIBLOCK RESIECCO

Product Description

RESIBLOCK RESIECCO is a jointing sand stabiliser of exceptional effectiveness, based on a low viscosity thermoplastic-acryl copolymer emulsion. Whitish in liquid state but becomes clear when dry. It incorporates a completely unique moisture drying system eliminating the problems common to conventional solvent acrylic systems. Since it is solvent free it does not give off unpleasant odours. Its function is to bind the particles of sand together and to the vertical faces of the paver. RESIBLOCK RESIECCO is formulated for all flexibly laid paving.

Features

- Single component requires no thinning or use of a reactive ingredient
- Environmentally friendly
- Solvent free – safe for use internally
- Polymerisation effected by moisture evaporation and absorption by surrounding substrate
- Allows pavement to retain its normal flexural qualities
- Manufactured under ISO 9002
- Micro-elastomeric
- Easy application by RESIBLOCK Squeegee
- Withstands temperature in excess of 100°C
- High degree of resistance to commercial chemicals
- Unaffected by commercial de-icing salts
- Can be easily removed so as to allow easy access to services below pavers
- Can be applied by non-technical personnel

Structural Integrity Maintained To Paving

Jointing sand remains in place under most conditions, including water flows and vacuum sweeping. Renders the joints partially impermeable to water. Problems associated with paver destabilisation and rutting largely eliminated. Significantly reduces oil and dirt penetration. Restricts weed/grass growth in the joints

Health & Safety

PVC gloves and protective clothing/face shield must be worn.

Do not apply RESIBLOCK RESIECCO in the presence of foodstuffs. Once fully cured RESIBLOCK RESIECCO can be considered innocuous.

The System

Special Properties

Maintains performance life of pavement.
Yields significant whole life cost savings and reduces interim maintenance.
Satisfies requirements of Local Agenda 21.
Contributes to 'Best Value'.
Helps keep paving surface clean.
Fuses seamlessly to all Interfaces.
Resists weed and grass growth in the joints.
Ideal for use with:-
 CBP
 Concrete Flags
 Natural Stone

Fields of Application

PEDESTRIAN AREAS
FOOTPATHS
PRECINCTS
CAR PARKS AND RAMPS
DRIVEWAYS
PATIOS
SHOPPING MALLS

General Technical Data

Coverage

1.5-4.0 m²/l depending on joint width and paver porosity

Cleaning of Tools

Water/detergent

Drying Times

Dependent on ambient conditions resulting in water evaporation

Storage

Store at room temperature range of 5°C – 30°C. Protect from frost. Do not allow to freeze.

Flash Point

Not flammable

Can Sizes

5l cans and 25l kegs

Shelf Life

18 months (unopened containers)

Shipping Specification

Not regulated

Application Information

1 Make sure the surface and **jointing sand** are **THOROUGHLY DRY** and free from dirt. Paving containing dampness will significantly reduce joint penetration.

2 Ensure that RESIBLOCK RESIECCO is only applied when there is no risk of rain within the next 24 hours.

3 Do not apply in extremes of temperature (below 5°C and above 30°C).

4 Ensure paving is thoroughly swept and that no jointing sand remains in the chamfers of the pavers. On non-chamfered paving sand must be swept at least 3-5mm from the surface.

5 Stir contents well.

6 Apply to surface using a watering can (with the rose) and remove all surplus with the RESIBLOCK SQUEEGEE. Leave to sit on surface for 2-3 minutes before squeegeeing off. If applying to a riven surface, ensure RESIBLOCK RESIECCO is rubbed into the surface with a clean rag to prevent pooling in the depressions.

7 Accurate application rates are critical to ensure full joint stabilisation (typically 1 litre/2m² 100 x 200 CBP).

8 RESIBLOCK RESIECCO is usually only applied as a 1 coat system.

9 Avoid walking on the sealed area until surface is dry and do not drive motor vehicles on the surface until joints have hardened.

10 ALWAYS WEAR PROTECTIVE GLOVES AND GOGGLES. Please refer to current MSDS.

11 All uncured sealant and tools should be cleaned immediately using water and detergent.

RESIBLOCK RESIECCO on some surfaces (particularly low porosity or wet-cast products) may in certain circumstances temporarily reduce the SRV. Please trial on an un-trafficked area first to confirm suitability. If necessary a fine aggregate can be added between 2 coats to provide excellent grip characteristics. RESIBLOCK RESIECCO cannot be used on any previously sealed surfaces.

Benefits

- Acts as a stabiliser/Dustproofers
- Assists with the removal of oil, dirt and foodstuffs
- Has the minimum effect on the colour of treated surfaces
- Can be used on most concrete block pavers, exposed aggregate panels, concrete slabs, architectural sections and blocks

Skid Resistance

Surface Tested	Pendulum Test Result
Concrete pavers - unsealed	65
Concrete pavers - RESIECCO sealed	59

Abrasion Resistance

Water/cement ratio of concrete mix	Depth of abrasion (mm) C & CA Abrasion machine (5 minute cycle)		
	Control - No surface treatment*	2 coats 20% Sodium Silicate solution*	2 coats RESIBLOCK
0.65	1.18	0.89	0.14
0.52	0.78	0.51	0.14
0.44	0.54	0.40	0.14

* C & CA Abrasion Machines, ref. R G Chaplin. BCA April 1990 * *Test results from Sadegzede and Kettle, Aston University, Concrete, May 1987*

Additional Features

It reduces dust formation inside warehouses and factories by preventing crumbling of concrete floors. It gives a very low satin sheen finish that in most cases does not darken treated surfaces, protecting materials while retaining their original colour. It makes cleaning easier by resisting detritus and hydrocarbon penetration. It resists both calcium and sea salt. When used vertically, since it reduces the porosity, it tends to have self-cleaning qualities under the action of rainfall. Most notably RESIBLOCK RESIECCO's tough sand bonding formulation makes its use ideal in aggressive vacuum swept shopping malls.

Physical Data

Colour	Milky
Odour	Faint/Soap
Viscosity at 20°C (68°F)	6.5 CPS
Specific gravity	Ca. 1.025 g/ml (liquids)
pH	7.5-8.0
Flash point	Non flammable
Boiling point (liquids)	Ca. 100°C
Freezing point	Ca. 0°C (liquids)
Storage	5-30°C
Shelf life (unopened container)	18 months

Alternative Products

RESIBLOCK '22', RESIBLOCK W.J.C.

PLEASE NOTE this datasheet represents an abbreviation only of technical data information, particularly as it relates to fields of use, application and health and safety. As such it is essential that the latest copy of our full technical data is consulted

Resiblock Ltd, Resiblock House, Archers Fields Close, Basildon, Essex SS13 1DW United Kingdom

☎: +44 (0)1268 273344 ☎: +44 (0)1268 273355

✉: technical@resiblock.com 🌐: www.resiblock.com