



Datasheet

RESIBLOCK '22' WB

Product Description

RESIBLOCK '22'WB is a polyurethane hybrid water based low viscosity jointing sand stabiliser of exceptional effectiveness free from n-methyl-2-pyrrolidone (NMP). Its function is to bind the particles of sand together and to the vertical faces of the paver. RESIBLOCK '22' WB is formulated for all flexibly laid paving. An environmentally friendly alternative to solvent based systems.

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'.
Fuses seamlessly to all interfaces.
Resists weed and grass growth in the joints.
Ideal for use with:-
 CBP
 Clay Pavers
 Concrete Flags
 Natural Stone

Fields of Application

PORTS AND TERMINALS
BULK FUEL STORAGE FACILITIES
AIRCRAFT HARD STANDINGS AND TAXIWAYS
FOOTPATHS AND PEDESTRIAN PRECINCTS
CAR PARKS AND RAMPS
ROADS AND DRIVEWAYS

Limitations of Use

PIC, Engineering Bricks, Quarry Tiles and Marble.

Coverage

1.0 – 2.5 m²/l depending on joint width and paver porosity

Features

- Single component – fast cure, ensures rapid re-use of the facility
- Solvent free – Safe for internal use
- Polymerisation effected by moisture evaporation and substrate absorption
- Environmentally friendly
- Allows pavement to retain its normal flexural qualities
- Manufactured under ISO 9001
- Greatly exceeds ASTM D 2370 (elongation test) – fully elastomeric
- Easy application by RESIBLOCK Squeegee
- 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 pavement

Structural Integrity Maintained to Paving

Jointing sand remains in place under the most arduous conditions, including high velocity water flows, vacuum sweeping and jet-thrust. Renders the joints totally impermeable to water and hydrocarbons. Problems associated with paver destabilization and rutting virtually eliminated.

Health & Safety

Resiblock '22' WB has been classified as non-hazardous however in accordance with safe working practice we would encourage the use of PVC gloves and safety glasses.

Do not apply RESIBLOCK '22' WB in the presence of foodstuffs. Once fully cured RESIBLOCK '22' WB can be considered innocuous.

Application Information (Abbreviated)

- 1) Make sure the surface and **jointing sand** are THOROUGHLY DRY and free from dirt.
- 2) Ensure that RESIBLOCK '22' WB is only applied when there is no risk of rain within the next 8 hours.
- 3) Do not apply in extremes of temperature (below 5°C or above 45°C)
- 4) Ensure paving is thoroughly swept and that no jointing sand remains in the chamfers of the pavers.
- 5) Ensure contents are thoroughly mixed, stirring occasionally during application.
- 6) Apply to surface using a watering can (with the rose) and remove all surplus with the RESIBLOCK SQUEEGEE.
- 7) Accurate application rates are critical to ensure full joint stabilization (typically 1 litre/2m²).
- 8) A MINIMUM of 3 hours and a MAXIMUM of 24 hours between the first and second coats. Two coats are recommended to prevent fuel/water infiltration. ONE COAT ONLY on clay pavers.
- 9) Avoid walking on the sealed area for 3 hours after application and do not drive motor vehicles on the surface for 24 hours.
- 10) WEAR PROTECTIVE GOGGLES AND GLOVES.
- 11) All uncured sealant and tools should be cleaned immediately using Resiblock NS cleaner.

Test Data (Typical Values)

Infiltration

Test Liquid	Infiltration rate ml/second	Maximum permitted infiltration rate ml/second	Remarks
Unleaded Petrol	<0.20	0.02	excellent
AVGAS	<0.20	0.02	excellent
Diesel Fuel	<0.20	0.02	excellent
Water	0.024	0.05	excellent

**Recommendations by University of Newcastle work for British Aerospace Military Aircraft Ltd.*

Skid Resistance

Surface Tested	Pendulum Test Result – Avg
Concrete pavers Marshalls Keyblok CBP – unsealed	73
Concrete pavers – Marshalls Keyblok CBP RESIBLOCK sealed	64

ASTM	Tensile Strength (mPa)	Elongation (%)
RESIBLOCK '22' WB	7.1	407

General Technical Data

Cleaning of Tools

RESICLEAN

Drying Times

2 hrs @20°C

Storage

Store under cover and protect from extremes of temperature

Flash Point

Not Flammable

Can Sizes

5l cans and 25l kegs

Shelf Life

12 months (unopened containers)

Shipping Specification

Not regulated

PLEASE NOTE this data sheet represents an abbreviation only of technical 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 prior to application.