cemseal®

Technical Data Sheet

CEMSEAL SA BUTYL (T1/T2/T3/T4)

HIGH PERFORMANCE BUTYL WATERPROOFING SYSTEM

DESCRIPTION

CEMSEAL SA BUTYL (T1/T2/T3/T4) is a self-adhesive tape produced from a butyl rubber compound.

CEMSEAL SA BUTYL T1 is a single faced varies waterproof, airtight, vibration proof purposes by various backings. It can be used as a tape for joint or lap as a bridge in between two material.

CEMSEAL SA BUTYL T2 is a double sided varies waterproof, airtight, vibration proof purposes by various backings. It can be used as a lap between EPDM/TPO/PVC preformed membrane.

CEMSEAL SA BUTYL T3 is a single faced varies waterproof, airtight, vibration proof purposes by various backings. It can be used for dampproofing of urethane foam and heat-insulating materials for waterproofing.

CEMSEAL SA BUTYL T4 is a single faced varies waterproof, airtight, vibration proof purposes by various backings. It is good adhesion to rough surfaces, excellent durability and water resistance. This product uses an environmentally sensitive adhesive compound, which uses no solvent and is free from toluene/xylene.

RECOMMENDED USE & FEATURES

CEMSEAL SA BUTYL T1:

- Frame building waterproofing and patching
- Excellent durability and water resistance

CEMSEAL SA BUTYL T2:

- Excellent durability and water resistance
- For waterproofing and temporary fixing of exterior walls

CEMSEAL SA BUTYL T3:

- For dampproofing of urethane foam
- For heat-insulating

CEMSEAL SA BUTYL T4:

- Excellent durability and water resistance
- For water retaining structure

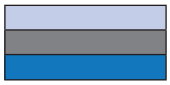
TECHNICAL DATA & PROPERTIES

Model	T1	T2	T3	T4
Thickness (mm)	0.75	1.0	1.0	0.55
Adheasion (N/10mm)	7.8	9.8	9.8	7.85
Holding power, drop (min) • T1, T2 & T4 Holding power: 23°C, 9.8 N • T3 Holding power: 23°C, 4.9 N	3	15	15	45
Form	Butyl Tapes			

Specification are subjected to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods, site conditions and use environment.

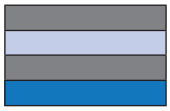
PRODUCT STRUCTURE

CEMSEAL SA BUTYL T1



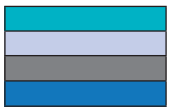
– Nonwoven polyester fabric
– Butyl rubber adhesive
– Release paper

CEMSEAL SA BUTYL T2



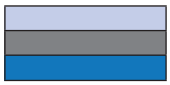
– Butyl rubber adhesive
– Polyethylene net
– Butyl rubber adhesive
– Release paper

CEMSEAL SA BUTYL T3



– Aluminium foil (25µm)
– Polyester film (25µm)
– Butyl rubber adhesive
– Release paper

CEMSEAL SA BUTYL T4



– Polypropylene film
– Butyl rubber adhesive
– Release paper

INSTALLATION INSTRUCTIONS

APPLICATION METHOD

SUBSTRATE PREPARATION

- **NEW CONCRETE :** The surface must be firm, dry, clean, free of dirt, oil, grease and all other foreign matter. The age of new concrete must be at least 28 days and a minimum tensile strength of 200 psi is required of the prepared surface before coating. Mechanical methods such as sandblasting, scarifying or shot blasting should be carried out to remove the weak layer of surface laitance. Care must be taken to ensure all residue acid must be removed with clean water before applying the tape.
- **EXISTING CONCRETE :** The surface must be existing structurally sound, dry and free of all contaminants or contaminated concrete must be removed until sound concrete is realized. Old coatings, toppings, waxes, oils etc. must be removed by mechanical methods before applying the tape.

COMMON INSTRUCTIONS FOR APPLICATION

- Before applying the tape, please remove any dirt, dust, oils, etc., from the surface of the adherend.
- Please apply sufficient pressure on the tape after application to ensure adequate adhesion.
- Please store the tape in a cool, dark place, avoiding heat sources such as direct sunlight and heaters.
- Please refrain from using them for electrical insulation purposes as they are not intended for such applications.
- Please avoid applying tapes directly to furniture, walls, glass, PVC products, car bodies, etc., as it may cause adhesive residues, discoloration, or paint peeling.
- Please avoid applying tapes directly to skin unless they are specifically designed for such use, as it may cause a rash or adhesive residue.
- Please carefully confirm the selection of tape to avoid any adhesive residue or contamination that may occur upon application to adherends.

OTHERS APPLICATION

- To consult the local Cemseal's representative.

Disclaimer:

The information and any recommendations relating to the application and end-use of all CEMSEAL products are provided in good faith based on CEMSEAL's knowledge and experience of the products. Due to differences in materials, variances in substrates, and actual site conditions, no warranty regarding fitness for a particular purpose, nor any liability arising from any legal relationship whatsoever, can be inferred either from this information, any written recommendations, or any other advice offered by CEMSEAL. The proprietary rights of third parties must be observed. All orders are accepted subject to our sales terms and conditions. Users should always refer to the most recent and up-to-date issue of the Technical Data Sheet for the product concerned, which is available upon request. It is recommended that products be properly stored, handled, and applied under tested and recommended conditions.

For More Information:
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