

BYSILAN SB

SILICONE BASED SOLVENT BORNE SURFACE PROTECTION AND WATER PROOFING

DEFINITION

Bysilan SB is silicone based, solvent borne, surface protective water repellant material containing silane and siloxane. Due to its high impregnation property, it does not allow the water absorbancy and provides perfect water proofing. Furthermore, the surface is protected against exterior conditions and stains. It is especially applied on the natural stones and historical building restoration and protection.

PROPERTIES

Bysilan SB is silicone based, solvent borne surface protection and water proofing material.

General properties;

- High diffusion
- Breathable
- High resistance to alkali
- Water repellant
- High resistance against stains

AREAS OF APPLICATION

Bysilan SB is used as water repellant and surface protective material especially on the natural stone and historical building protection and restoration for concrete, brick, mineral stucco, limestone, gas concrete, mineral coatings etc.

SURFACE PROTECTION

The surface should be cleaned of dust, stain, oil and impurities.

APPLICATION

Bysilan SB is ready-to-use without dilution, and can be applied by roll or brush. Due to its high impregnation property, the material can also be coated by immersing into the material.

PACKAGING AND STORAGE

Bysilan SB is produced in 1, 5, 10 and 25 kg plastic pails. The goods should be stored in clean and dry areas and kept away from sun, rain, hot and cold weathers. The unsealed goods can be stored for 12 months.

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HEALTH AND SECURITY

- R10 : Flammable
R51/53 : Toxic to aquatic organisms, May cause long-term adverse effects in the aquatic environment
R65 : Harmful: may cause lung damage if swallowed.
R66 : Repeated exposure may cause skin dryness or cracking
R67 : Vapours may cause drowsiness and dizziness.
- S2 : Keep out of the reach of children.
S23 : Do not breathe gas/fumes/vapour/spray.
S24/25 : Avoid contact with skin and eyes.
S61 : Avoid release to the environment. Refer to special instructions/safety data sheet.
S62 : If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label where possible.

TECHNICAL DATA

	TS EN 1504-2	BYSILAN SB	STD NR
Consumption (kg/m²)		12-16 m ² /lt	
Water Transfer Rate (kg/m².h^{0,5})	W<0,1	W<0,02	TS EN 1062-3
Vapour Transfer Rate	Class I Sd<5m	< 3m	TS EN 7783-2
Penetration Depth	Class II ≥10mm	≥10mm	TS EN 1504-2
Water absorbancy and alkali resistance	Water absorbancy : Şartlandırılmamış numuneye göre <%7,5	<%7,5	TS EN 13580
Yapışma Dayanımı (N/mm²)	-Vertical≥0,8 -Yatay uygulama trafiğe kapalı ≥1,0 -Yatay uygulama trafiğe açık ≥ 1,5	>1,0	TS EN 1542