

# BOND-COS-01

## CONSTRUCTION ACRYLIC ELASTOMERIC SEALANT

BOND-COS-01 CONSTRUCTION ACRYLIC SEALANT is a mildew resistant, rust inhibited, paintable sealant. It is specifically formulated for high joint movement. Its smooth, creamy consistency makes easy to tool, and it cures to a tough, flexible seal that is non yellowing. It can be used for both interior and exterior applications such as crown molding, chair rails, baseboard , etc.

### WHERE TO USE:-

Use On Terrace, wall, in Tank, Swimming pool, Sump, Filter plant, Basement, at Bridge, Buildings, Dam, Canal, Tunnel, Chemical factories, Petrochemical plant, Oil Tank, Power plants, Work shops, Effluent treatment plants, Sewerage plants, bio gas plant , Godowns, Pipe lines, Terraces, Electric & electronics instruments.

- Sealing crack/ joint of walls, terraces, Floors , etc. Sealing around window and door frames
- Sealing around baseboards
- Sealing around trim
- Sealing anywhere a weather tight seal is desired
- Sealing corner joints
- Sealing where siding meets trim.

### HOW TO USE

BOND-COS-01 Elastomeric Acrylic sealant is specifically formulated for high joint movement. In joints exceeding 1-1/2" in depth use a foam joint filler. Tooling is recommended and, if possible, should be completed in one continuous stroke. Tool joints within 10 minutes of application. If masking tape has been used to obtain a cleaner joint, it should be removed before the tack-free skin forms.

### CAUTION:

Do not apply when building material or air temperature is below 40°F. BOND-COS-01 Elastomeric Acrylic Sealant is not recommended for continuous water immersion or vehicular or foot traffic.

### PAINTABILITY

A minimum of 2 hours dry time is required before painting with latex or oil base paint. Allow extra dry time during periods of high humidity and/or cool temperatures.

### CLEAN UP

Excess caulk should be cleaned off tools and nonporous surfaces while it is in the uncured state using a wet cloth. Cured compounds should be cut away.

SPECIFICATIONS	BOND-COS-01
Color	White/ Black, / Grey
Total solid %	80 +-2%
Density	1.20 Kg/Ltr
Flash Point	None
Freeze Thaw stability	Satisfy
Service Temp.	-20-80oC
Shrinkage	10 %
Tack free time at R. T.	2-3 hours
Elongation %	500-800
Full cured	7 days
Bond with	Concrete, Wood, MS, and some plastics.

**SURFACE PREPARATION:** Surface must be clean, dry, sound, firm and free from oil, grease and other contaminations which will impair adhesion.

**Note:-**In organic / organic color can add with coating, mortar, rendering, tile grout, etc

**PROPERTIES AFTER CURED SEALANT :-**

<b>Color / Appearance</b>	White to Off white
Nail hardness	excellent
Flexibility	excellent
Adhesion by cross cut method	excellent
Impact resistance	excellent
<b>Waterproofing Properties after</b>	excellent
24 Hours	excellent
48 Hours	excellent
One week	excellent
<b>Chemical Resistance</b>	
salt water	Good
Soap solutions	Good
Methane Gas	Good
Diluted acids	Good
Diluted alkalis	Good
vegetable oil	Good
Lubricating oil	Good
Aliphatic Hydrocarbons	Good
<b>TENSILE SHEAR STRENGTH , PSI AT 25o c</b>	
Aluminium at 25oC	3290-3560
Aluminium at 65oC	1260-2852
Aluminium at 25oC after 20 days immersion in water	2200-2300

Packing: Liquid: 5, 20, 50 , 200 kg Plastic Bucket and Drums.

The information contain here in is reliable and accurate the best of our knowledge. Technical services will provided for guidance when required. However conditions of uses and methods of application are beyond our control, no warranty is expressed or implied.

**ALSO AVAILABLE CONSTRUCTION CHEMICALS FOR REPAIRS, REHABILITATION OF BUILDING, BRIDGE, DAM, CANAL, TUNNEL & MARINE STRUCTURES, ETC.**

<b>RESINS</b>	<b>PAINTS</b>	<b>GROUTS</b>	<b>CONCRETE ADMIXTURE</b>	<b>FLOORINGS</b>	<b>WATERPROOFING</b>	<b>ADHESIVE</b>	<b>LACQUERS</b>
EPOXY	EPOXY	CEMENT-POLYMER	MICRO CONCRETE	EPOXY	ACRYLIC COPOLYMER	EPOXY	SOLVENTED
POLYURATHANE	POLYURATHANE	EPOXY	PLASTICIZERS	POLYURATHANE	POLYMER POWDER	ACRYLICS	WATER BASE
ACRYLICS	ANTI CORROSIVE	EXPANSIVE GROUT		NON METTALIC CEMENT	WATERREPPALLENT		NC-ACRYLICS

**TECHNICAL SERVICES & Technical assistance**

Information is available by calling the Mr Bond Technical Service at:

Email:- [Costomercare@mrbond.org](mailto:Costomercare@mrbond.org)

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