



BITUMINOL

INTRODUCTION :

BITUMINOL, available in powder form is a blend of Bitumen and graded acid resistant fillers. The advantage of this product is that it is used at higher temperatures by providing mastic mortar of our product **AROCOMPOUND** over **BITUMINOL**. This product along with **AROCOMPOUND** (Hard Mastic) is mainly used on vertical surfaces for any height without the use of either chicken mesh or expanded metal as reinforcement.

BITUMINOL and **AROCOMPOUND** (Hard Mastic) is used as an exposed lining on floors where traffic is light and chemical spillages are upto 60° C. It is also used as membrane on floors, drains, lumps, foundations etc. of R.C.C. surfaces prior to acid proof tile or brick lining. It is mainly used in the following industries.

- Chemical
- Rayon, Pulp and Paper
- Steel, Zinc, Copper, Pickling Plants
- Dye Stuff / Paint
- Fertilizers

PHYSICAL PROPERTIES:

Sr. No.	Particulars	Bituminol	Arocompound
1	Colour	Black	Black
2	Specific Gravity	1.6 - 1.7	1.8 - 1.9
3	Softening point - R & B Method (°C)	140-155	165-180
4	Penetration (mm)	2.4mm	1-2
5	Temp Resistant		
	a) For exposed Lining (°C)	-	60
	b) For Membrane behind Tile/Brick lining	-	70
6	Shelf life when stored in shed	Unlimited	Unlimited

**CORROSION
NO ENTRY**



ARCOY INDUSTRIES (INDIA) PVT. LTD.

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An ISO 9001 : 2000 Company



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INSTRUCTIONS FOR APPLICATION:

In case of floors, it should have a slope of min 1.5 to 2% towards the drain sumps. The surfaces should be thoroughly brushed to remove all loose particles, dust, dirt etc. and the surface must be absolutely dry.

PRIMING

After the preparation of surface as stated above, the surfaces should be thoroughly coated with bituminous primer - **AROPRIMER** by brush application. It takes about 8 hrs to dry.

APPLICATION OF BITUMINOL:

BITUMINOL should be melted in cast iron pots over wood, charcoal, gas or oil burners. While melting the material care has to be taken to prevent it from catching fire. Heat until freely flowing material is obtained and now it is ready for application by means of wooden floats.

In case of floors, the molten compound is poured hot on the floor using a wooden squeegee or straight edge and is uniformly spread to a minimum thickness of 3 to 6 mm.

CHEMICAL RESISTANCE:

BITUMINOL/AROCOMPOUND (Hard Mastic) is generally resistant to most inorganic acids of dilute and moderate Acid/Alkali concentrations. It is not resistant to oxidizing acids like Chromic, Nitric & Organic Acids and Oils. If you need more information regarding chemical resistance, please feel free to contact our technical cell.

STORAGE AND SHELF LIFE

Both **BITUMINOL** and **AROCOMPOUND** (Hard Mastic) have unlimited shelf life if stored in shade.

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