

Modified Heavy Duty Elastomeric Membrane Waterproofing Coating

KAYRA BLACK MEMBRANE is specially designed premium heavy duty hybride acrylic(42%)+pu(10%)+bitumen(10%) elastomeric coating system for direct application. It is single component acrylic waterproof membrane suitable for application on flat roofs, terraces, podiums, etc.

It can be applied by brush, roller or spray equipment depending on site conditions. Applied in thick layer, it forms a waterproof, flexible film which adapts to the surface changes cause by tension or expansion and suitable for light foot traffic.

Advantages:

- ✓ Easy to Apply
- ✓ Ready to use high polymer paste
- ✓ Mould and fungus resistant
- ✓ Bridges cracks and remain flexible
- ✓ Abrasion Resistant
- ✓ Long-term durability
- ✓ Water Based and Non Toxic

Application Areas:

- Building Roofs – Flat & Slope
- Terraces
- Podiums
- Swimming Pools & Water Bodies
- Concrete & Mortar
- Over existing cementitious waterproofing treatments, etc.
- Retaining wall of Basement.

Usage Method: 1 Coat of **PRIMER** & 2 Coats of **BLACK COAT**

Method of Application:

- The surface of application must be thoroughly prepared by mechanical means by removing all the dust, loose particles, oil, grease, etc.
- Any surface cracks must be duly filled or repaired before the application procedure has started.
- Apply the primer coat on the surface for achieving better results. Application through **PRIMER** is suggested.
- Apply the first coat of **BLACK COAT** without any dilution and the coating should be done in one single direction.
- 6 to 8 hours after completion of first coat, apply the second coat in perpendicular direction to the first coat.

- Complete the application and leave to air cure for 7 days.
- Additional reinforcement can be done through Fiber Glass Mesh or Geo Textile depending on

Coverage: Approx. 25–35 sq. ft. in 2 coats, subject to the porosity of the substrate

Technical Information:

PROPERTIES	RESULTS
Solid Conatains	62.0 to 63.0 %
Tensile Strength (MPa)	2.5
Elongation at Break (%)	400 to 450 %
Density	1.0 to 1.20
Water Penetration	Nil
Crack Bridging	Upto 2-4 mm
Ph	6.0 to 8.0

Packaging: 20 Kgs. Pack

Shelf Life & Storage:

BLACK COAT has maximum shelf life of 12 months from the date of manufacturing provided it is unopened and stored in a dry cool place. Exposure to direct sunlight should be avoided. Containers should be kept sealed and airtight to prevent water loss by evaporation. If allowed to stand for longer time, material should be stirred well before use.

Health & Safety Precautions:

BLACK COAT should not come into direct contact with skin or eyes. Avoid inhalation of dust during mixing. It is recommended to use gloves, goggles, dust masks, etc. during the usage and application of the product. Any contact with eyes should be washed immediately with plenty of clean water and seek immediate medical attention.

Disclaimer:

Although the technical details and recommendations contained in this product data sheet correspond the best of our knowledge and experience, all of the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of product. As the conditions under which the products are used or transported are beyond our control, the company does not assume any liability or consequential damage for unsatisfactory results arising from the use of our products.