

► **Description:** **High Performance liquid applied water proofing and thermal insulation and energy saving roof coating system. The product have high quantity of ceramic micro-spheres of vacuum beads in an elastomeric emulsion of high grade acrylic resin is nontoxic (Environmentally friendly) and is designed to outlast other radiant barrier exterior systems. Also It is applied on most exterior surfaces including that of concrete and metal.**

► **Advantages of the product:**

- Reduces internal temperatures.
- Increased thermal protection and saves energy.
- Non-toxic, water-based, low VOC.
- Eliminates blistering, peeling & cracking
- Excellent bonding to most substrates.
- Excellent breath-ability.
- Very low maintenance/repair costs
- High solar reflective index.
- Non-combustible - Class A Fire Retardant
- Anti-crack
- Low Odor
- The product give a superior waterproofing properties thanks to its flexibility and weathering resistance.
- The product is UV resistance.

► **Substrates:** **Concrete, masonry, metal surfaces and natural stones.**

► **Shelf life/storage conditions:** **12 months from date of production. The product must be stored as per local storage regulations and should be kept in dry and well-ventilated location far from heat and direct sunlight.**

► **Availability:** **Available in 18 ltr (Palstic cans) (Packing may vary from country to country depending on local requirements)**

► **PHYSICAL CONSTANTS:**

► **Shade /Colors:** **White**

► **Finish:** **Matt**

► **Consumption:** **1 - 1.2 kg /m²**

► **Recommended DFT:** **500 micron**

► **Surface Heat Transmission Value (ε)** **Min. 0.80**

▶ Heat Conductivity Coefficient (W/mK):	$\lambda < 0.060$
▶ Sunlight Absorbency Value (α):	Min. 0.80
▶ Specific gravity:	0.85 ± 0.10 kg/liter (25° C / 77° F)
▶ pH	7.0-9.0 (25° C/ 77° F)
▶ Surface dry:	3 hours (20° C / 68° F)
▶ Recoating interval :	4 hours (20° C / 68° F)
▶ Hard Dry:	24 hours (20° C / 68° F)

▶ **Application Details:**

▶ Application method:	Brush / Roll / Air spray / Airless spray
▶ Thinner	The product is ready to use.
▶ Thinner Ratio	Do not thin the product

▶ **APPLICATION:** The surface should be stable, firm, dry and free of dust, sand, loose old paint, laitance, dirt, grease and oil.

For Concrete Surfaces: The surfaces must be sanded by diamond disk and all the dust must be removed by vacuum.

▶ **Primer:** Hayperflex Concentrated Primer

▶ **APPLICATION CONDITIONS:** Use only where application and drying can proceed at temperatures above 5°C, and relative humidity is below 75%. Apply only on a dry and clean surface.

▶ **Stirring:** Before using, stir the paint thoroughly in order to prevent any possible settling after storage.

▶ **Safety:** Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult material safety data sheets and follow all local or national safety regulations. Avoid inhalation, avoid contact with skin and eyes and do not swallow. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well-ventilated areas.