

EPOWAL W 834**WATER BASED HYGENIC EPOXY
FLOOR AND WALL FINAL LAYER
PAINT**

31,11,2014

PRODUCT DEFINITION**Two compound, water based epoxy paint****AREAS OF USE**

Can be used in factories, food facilities, stores, car park and hospitals, walls and industrial floors. Does not run on vertical surfaces. It has a high mechanical strength and corroding strength. Completely sterile and easily cleaned. Can be applied on concrete, wall and metal.

PRODUCT SPECIFICATIONS

Color	RAL colors
Appearance	Half Matt
Thinner	Water
Solid Matter by Weight, %	64
Density	1.35 g/cm ³
Usage Rate	0,2-0.5 Kg / m ²
Packaging	15 Kg A component + 5 Kg B component; Total 20 Kg
Flash Point	>25 °C
Mixture Ratio	3 / 1
Application Methods	Brush, Roller, Air-Free Gun
Mixture Usage Cycle	45 min / 25°C
Shelf Life	1 year
Waiting Period Between Layers	12 hours/25°C
Drying Period	Can be walked on after 12 hours in 25 °C
Shrinking Period (Concrete C25)	
Mechanical Strength	7 days
Shore D Solidity	

Equipment Cleaning

Water

SURFACE PREPARATION

Application surfaces must be cleaned of oil, dust and dirt. Free particles on the surfaces shall be cleaned. Cement grout and other adhesion preventing materials on the surfaces shall be cleaned.

MIXTURE PREPARATION

Being careful with the mixture ratios of A and B components, it must be mixed for at least 3-4 minutes with a low speed mixer until a homogenous mixture is obtained. **Ready for application after mixing.**

APPLICATION

Can be applied with brush, roller or by spraying. Water is used for sprayal application and the material is thinned with 18-20 sec /DIN CUP4/ viscosity at 20 °C. Can be applied with gun in such a way that will produce 35-40 microns of dry film. The prepared mixture is applied without thinning in applications with brush or roller.



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APPLICATION CONDITIONS

- Surfaces must have sufficient strength. When strength is required, pressure resistance of the concrete shall be at least 25 N/mm² likewise the tensioning resistance shall be at least 1,5 N/mm².
- W 834 must have completed its cure before applying second coat.
- Application must be avoided in temperatures below -10°C and very humid ambiances.
- Attention must be paid on mixture ratios.

Products recommended for use under :

PRIMER W 832 Water Based Epoxy Undercoat

SAFETY

This product is for professional use. Pay attention to the safety warnings on the package before use, see the product's Material Safety Know-How Index when needed. Do not inhale, avoid contact with skin and eyes, do not swallow, use proper work safety equipment. Take safety precautions for environment protection as well as fire and explosion danger. Apply in well ventilated areas.

**TRANSPORTATION and
STORAGE**

- The product must be stored in 5-35°C.
- The product must not be subjected to direct sun light.
- Opened product must be stored in its own package, with its lid firmly sealed.

WEIGHTED SCORE

GRADA reserves the right to make improvements/revisions on the product and this technical document in time. This Know-How Index renders invalid the Know-How Indexes published before, and is valid for 5 years. The user must ensure that the technical document they have is of the latest version, and contact our company when needed for querying about the validity of the document. Proper use of the product, validity of the application conditions and methods are under the user's responsibility. GRADA declines any warranty claims regarding the consequences, work accidents, direct or indirect damages or harm caused by not using the product as recommended. Packaging values stated above are the nominal values in the formulae standardized by GRADA. Under normal production conditions, there may be deviations in a level estimated in international standards.