



## VIJAYKUMAR REFRACTORIES & CHEMICALS PVT LTD.

**MANUFACTURERS  
& APPLICATORS**

**REGD. OFFICE**  
**PHONE**  
**EMAIL**  
**WEB**

**ACID/ALKALI PROOF TILING, EPOXY/PU SCREEDING, SELF LEVELLING,  
WALL COATINGS & ALLIED JOBS**

: D/7 Nandjyot Industrial Estate, Andheri-Kurla Road, Safed Pul, SakiNaka, Mumbai - 400072.  
: +91-22-2851 2778(Telefax)  
: vijaykumar\_refractories@hotmail.com  
: www.vijaykumaracidproof.com • <http://www.indiamart.com/vijaykumarrefractories/>

## VIKOPROOF-H VINYLESTER RESIN BASED CEMENT

VIKOPROOF-H is a Vinyl ester Resin based cement that is of five components, viz., VIKOPROOF-H cement Powder, and VIKOPROOF-H Vinyl ester Resin, Promoter, Accelerator & Catalyst. The cement is prepared by mixing these ingredients in the following ratio;

VIKOPROOF-H Vinyl ester Resin - 100 p.b.w.(parts by weight)

Catalyst - 2 p.b.w.

Accelerator - 2 p.b.w.

Promoter - 2 p.b.w.

VIKOPROOF-H Vinyl ester

Cement powder - 400 p.b.w.

The components are mixed in the abovementioned order. The resultant mortar

Has a very low pot life of about 20 to 25 minutes and hence should be used quickly to lay or joint the acid proof tiles.

VIKOPROOF-H vinylster Resin cement is used in large quantities in the paper and pulp industry, Electroplating shops, stainless steel pickling plants, etc. Its outstanding resistance to Chlorine Dioxide and Sodium Hypo chlorite Bleach Solutions resulted in its use in seal boxes, washers, chlorine dioxide mixers, bleach towers and other processing Equipment. VIKOPROOF-H vinyl ester resin cement is also resistant other oxidizing agents such as Nitric Acid, Chromic Acid, Concentrations of non-oxidizing acids, acidic and neutral salts, certain organic solvents and alkalis upto PH of 11.

The maximum operating temperature of VIKOPROOF-H vinyl ester resin cement is 100 deg. C.



## VIJAYKUMAR REFRACTORIES & CHEMICALS PVT LTD.

**MANUFACTURERS  
& APPLICATORS**

**ACID/ALKALI PROOF TILING, EPOXY/PU SCREEDING, SELF LEVELLING,  
WALL COATINGS & ALLIED JOBS**

**REGD. OFFICE**

: D/7 Nandjyot Industrial Estate, Andheri-Kurla Road, Safed Pul, SakiNaka, Mumbai - 400072.

**PHONE**

: +91-22-2851 2778(Telefax)

**EMAIL**

: vijaykumar\_refractories@hotmail.com

**WEB**

: www.vijaykumaracidproof.com • <http://www.indiamart.com/vijaykumarrefracrtories/>

### **PHYSICAL PROPERTIES:**

VIKOPROOF-H vinyl ester cement meets IS-4832 (Part II) for vinyl ester based mortar.

S.No.	Properties	Results
1.	Working Time, Min. @ 27 deg. C	20 Minutes
2.	Flexural Strength, Min, Kg/cm <sup>2</sup> @ 7 Days -	170
3.	Compressive Strength, Min, Kg/cm <sup>2</sup> -7 Days	500
4.	Bon Strength min Kg/cm <sup>2</sup>	12
5.	Water absorption, Max, % by Wt.	1.0

### **CHEMICAL PROPERTIES:**

SrNo.	Name of the Chemical	Result
1.	Aluminium Hydroxide	Resistant
2.	Ammonia 20%	-Do-
3.	Sodium Hydroxide 25%	-Do-
4.	Potassium Hydroxide 25%	-Do-
5.	Acetic Acid 10%	-Do-
6.	Hydrochloric Acid	-Do-
7.	Nitric Acid 20%	-Do-
8.	Sulphuric Acid 50%	-Do-
9.	Chromic Acid	-Do-

### **PACKING:**

The powder is packed in 50 Kgs HDPE bags with LDPE inter liner. The resin And other accessories are packed in Jerry cans and small cans.

For Further Details Contact:

### **REGD OFFICE:**

**D/7 Nand Jyot Industrial Estate,  
Andheri-Kurla Road, Saki Naka,**

**Mumbai- 400 072**

**TEL: (T/F) (91) (22) 28512778**

**E-Mail: vijaykumar\_refractories@hotmail.com**

**Note: All recommendations for use of our products, whether given by us in writing, verbally or to be implemented from the results of tests carried out by us are based on the current state of our knowledge. Although the information given in the sheet is accurate to the best of our knowledge, no liability can be accepted in respect of such information**