



VISIMER 4955E

Chemical Nature : Aqueous APEO AND FORMALDEHYDE FREE Vinyl Acetate-Versatate terpolymer emulsion used to produce coatings, for interior / exterior textured finishes and surfacing compounds having excellent scrub resistance. Coatings made with V4955E do not turn off white, unlike Styrene acrylate based coatings.

Properties

PRODUCT SPECIFICATIONS

Solid content, weight %	: 55 ± 1
Viscosity at 30°C	
Brookfield, 4 /20, ps	: 30 – 50
pH (1:1 with water)	: 5 – 6

OTHER PROPERTIES:

Minimum film forming temperature(°C)	: +13
Particles size, average (micron)	: 0.50
Plasticizer content	: free from plasticizer
Filler acceptance	: Good
Response to thickener	: Good
Specific gravity, 30°C	: 1.07 ± 0.02
Calcium stability	: stable
Mechanical stability	: stable
Borax stability	: stable

FILM PROPERTIES:

Appearance	: Clear
Surface	: Almost tack Free
Flexibility	: Good

COMPATIBILITY WITH (Polymer Emulsion)

: **Visimer 4955E** is miscible with non ionic & anionic emulsions. However, there is a chance that such mixing may affect the property of **Visimer 4955E**.

Fillers

: **Visimer 4955E** has good compatibility with calcium carbonate, Dolomite, silica flour, fine sand etc. Also the pigment compatibility is good and can be further increased by incorporating suitable dispersing agent.

Application

FIELD OF APPLICATION

: **Visimer 4955E** is used for producing flat coating applications on plasters, masonry, fibrous cement concrete etc. **Visimer 4955E** has a high degree of alkali resistance. Its good pigmentability is ideally suited for masonry paints, texture coatings with high performance and least formulation cost. Unlike Styrene acrylate, coatings with **Visimer 4955E** based coatings do not turn off white / yellow.

PROCESSING

: Coatings are generally made with high speed mixers by dispersing first fillers, pigments, wetting agents and auxiliaries. **Visimer 4955E** is added at the last let down stage.

- To achieve film formation at lower temperature adequate quantity of coalescing solvents are to be incorporated.
- For higher viscosity thickeners are recommended to be added
- Suitable defoamer in required quantity is to be added to take care of foam during processing.
- Biocides need to be included in the formulation to guard against micro-organism growth.

Safety

General safety precautions such as goggles, gloves, and face shields should be used while handling **Visimer 4955E**. MSDS is provided for detailed information.

Industrial Hygiene

: **Visimer 4955E** is not harmful for the purpose for which it is intended and processed. It may irritate skin and mucous membrane on prolonged contact.

Labeling

: **Visimer 4955E** is non hazardous and doesn't contain substances which have implication for labeling under regulations.

Storage

: **Visimer 4955E** has a shelf life of 6 months from the date of manufacture, provided it is stored under shade, away from direct heat and sunlight and well protected from freezing.

Packing

: Bulk in tankers, flexi, 240/220kg HDPE Drums.

Disclaimer:

Note: The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other company's raw materials are also being used. The recommendations do not absolve the user from the obligation of investigation of the possibility of infringement of third parties' rights and, if necessary, clarifying the positions. For more details contact email: marketing@visen.net

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