

Description:

TechnoFlex[®] RC 930 is Plasticizer and formaldehyde free*, styrene acrylic copolymer emulsion for the formulation of elastic coatings for building facades and elastic waterproofing roof coatings.

Due to its inherently good binding properties, TechnoFlex[®] RC 930 enables high filled formulations also for interior architectural coatings.

Typical applications include

TechnoFlex[®] RC 930 is designed to formulate:

- Elastic waterproofing membranes for roof coating applications
- Elastic coatings for building facades
- Quality interior and exterior paints.

Features and Benefits

- Plasticizer-free.
- Waterproof and very elastic.
- Improves physical-chemical properties of cement mortar.
- High scrub resistant.
- Films have high elongation at break (> 1400 %)
- Resistant to ageing.

Indicative Characteristics

Chemical nature	Styrene / Acrylic polymer emulsion
Appearance	Slightly viscous, liquid.
Solid Weight (%)	58 ± 1.0
pH value	6.5 – 9.0 (at 20°C)
Viscosity	300 – 1000 cps (B. Field, 3 / 100 at 20°C)
*Tg / *MFFT	-10°C / < 0°C
Shelf life	12 months at 5 - 35°C.
Frost	Store under frost-free conditions.

Health and Safety instructions

Cause eye and skin irritation. If eye or skin contact, get immediate medical attention. If swallowed, do not induce vomiting. Call a physician or poison control center. Never give anything by mouth to an unconscious person. Wash hands thoroughly after handling. Wear protective clothing, gloves & eye and face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations. Keep container closed when not in use. Keep out of the reach of children.

Please contact with Sterling Technotrade's technical service department for further information and support.

Packing

220 kg PE drums / 1000 kg IBC containers.

Storage & Shelf life

The product should be stored in places safe from sunlight and excessive cold in original closed packages. Store unopened containers indoors at temperatures between 7°C and 35°C. Sterling Technotrade recommends retesting the quality 1 year after the date of manufacture.

Important issues on storage and use of the product

- Shelf life of the product is 12 months from the production date, printed on the label and indicated in certificates of analysis, as long as kept between 5-35 °C and away from direct sunlight and freezing conditions.
- Product needs to be kept in hygienic conditions to be away from microbiological attacks, although has certain biocides in the formulation. Addition of extra biocides may be required depending on the conditions of the site such as high storage temperatures, long storage durations and suspects of infection of the product during handling.
- Bulk storage tanks need to be inspected and cleaned up from time to time depending on the conditions.
- Metal parts suspected to corrode should not be allowed to come into direct contact with this product during storage and use.
- It is recommended to keep storage tanks, IBCs and drums tightly closed, avoiding loss of moisture and keeping the headspace saturated with water vapor to eliminate formation of films at top and keeping the product away from microbiological attacks.
- Packed material in IBCs and drums is recommended to be stirred prior to use.
- Product may tend to give lumps and skins due to its film forming nature. Straining through a coarse filter is recommended prior to use for this reason.
- Product should be handled in compliance with usual safety measures. Material safety data sheets should be examined, prior to use the product. Personal protective equipment such as gloves and goggles are recommended to be used when handling the product.
- Please contact our distributors, agents and sales representatives for further information and assistance.

DISCLAIMER: The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.

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Please note that this datasheet supersedes all previous versions.