



Published on: 01/12/2010
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E-RES ACRYL638

TECHNICAL DATA SHEET

DESCRIPTION

E-Res ACRYL638 is a 38% Alkali Soluble Resin (ASR) (All-Acrylic, Alkali-Soluble Polymer Emulsion).

E-Res ACRYL638 is an All-Acrylic, Alkali-Soluble Polymer Emulsion (Resin), used as a High Gloss, Wetting, Flow and Leveling Agent in Dry Bright Wax Emulsions, Polishes and Polymer Floor Sealers.

FORMULATION/COMPOSITION

E-Res ACRYL638 is formulated in line with European specification and it is formed with Ease of Use in mind, and with Low Colour. **E-Res ACRYL638** offers Superior Performance to other synthetic resins, particularly in terms of Dry Film Clarity, Hardness and Adhesion. The addition of **E-Res ACRYL638** to Polymer Floor Sealers Improves the Water Resistance and facilitates Easier Removal of the film when required. **E-Res ACRYL638** is supplied as a High Solids, Low Viscosity, Ready to Use Emulsion for all types of Water-based Floor Polishes, of either the Non-Bufferable or Bufferable types:

PROPERTIES/APPLICATIONS/USE

E-Res ACRYL638

- May be Formulated into most Floor Polishes Directly(using the Alkalinity of the Floor Polish Polymer to "Neutralise/Solubilise" the Resin Dispersion).
- Ammonium Hydroxide(28%) or Dimethylethanolamine are effective "Neutralizing/Solubilizing" Bases. On Solubilization it is Clear and virtually Colourless.
- is Compatible with most other Wax Emulsions, and Silicone Emulsions.
- Can Also be used in Water-based Inks. - Does not contain Formaldehyde and is AEPO-free.

PHYSICAL & CHEMICAL PROPERTIES

| | | | |
|-----------------------------|--|---------------------------------|--------------------------------------|
| Appearance | Milky-White Emulsion-Slightly viscous. | Active Ingredients | Resinous Polymer |
| Odour | Acrylic | Stability in formulation | Stable at pH 9.0 - 11.0 |
| S.G. (at 20°C) | 1.078 - 1.082 g/cm ³ | % Active Content | 29 - 30% |
| Solubility | Soluble in water | Composition | Water-based Acrylic Resin (Emulsion) |
| pH (as manufactured) | 9.5 -10.5 | Ionic Charater | n/a |

This data does not constitute a specification - please see current "Certificate of Analysis". For further data please also request a copy of the MSDS (Material Safety Data Sheet)

MANUFACTURER/SUPPLIER

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Information
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SAFETY & HANDLING

Always consult the Material Safety Data Sheet before Use



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FEATURES

Aids Flow, Wetting, Leveling and Ease of Use.
Excellent Adhesion.
Good Water & Wear Resistance.
Dries to a Bright, High Gloss with no Discolouration.
Easy removal with High pH Stripper.

STORAGE

At least 1 year at ambient conditions.
At least 6 months at 40°C.

PACKAGING

E-Res ACRYL 638 is available in

25 Kg - HDPE BLOWPACK
200 Kg - HDPE BLOWPACK
1000 Kg - IBC (FLOBIN)

DISCLAIMER / NON-WARRANTY

This product has been subjected to limited tests and has been shown to perform well. The information contained herein is to our best knowledge true and accurate, but since the conditions of use are beyond our control, Ecwamix Chemical Systems cc. disclaims any liability in connection with the use of this product and/or information. Warranty extends only as far as to the replacement of material shipped if not compliant with the specification as set out in the attached "Certificate of Analysis" and within the expiry period of the said product. All recommendations or suggestions are made without guarantee. It is good practice to conduct one's own application tests on a small area prior to using the product.



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