

# E-Res ACRYL 638

**38% Alkali Soluble Resin(ASR)**  
(All-Acrylic, Alkali-Soluble Polymer Emulsion)

**E-Res ACRYL 638** - 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. **E-Res ACRYL 638** is formulated in line with European specification and it is formed with Ease of Use in mind, and with Low Colour. **E-Res ACRYL 638** offers Superior Performance to other synthetic resins, particularly in terms of Dry Film Clarity, Hardness and Adhesion. The addition of **E-Res ACRYL 638** to Polymer Floor Sealers Improves the Water Resistance and facilitates Easier Removal of the film when required. **E-Res ACRYL 638** 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:

**E-Res ACRYL 638:**

- 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.

## Chemical Identification & Physical properties

Composition:	Water-based Acrylic Resin(Emulsion)
Active Ingredients:	Resinous Polymer
Ionic Character:	N/A
Active content:	38 - 40% w/w. (Theoretical)
Appearance:	Milky-White Emulsion-Slightly viscous.
pH (as manufactured):	4.00 - 4.5
Odour:	Acrylic
S.G. (at 20°C):	1.078 - 1.082 g/cm <sup>3</sup>
Solubility:	Soluble in water.
Stability in formulation:	Stable at pH 9.0 - 11.0
Shelf Life as supplied:	At least 1 year at ambient conditions. At least 6 months at 40°C.

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)



### 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.

### Packaging

**E-Res ACRYL 638** is available in:  
25 Kg HDPE blowpack  
200 Kg HDPE blowpack  
1000 Kg IBC (Flowbin)

**Disclaimer / Non-warranty**

This product has been subjected to limited stability tests and has been shown to perform well. However formulators should establish their own long term stability and functionality tests. 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 safety/stability tests on all final Formulations prior to marketing.



Reg. No: CK2005/156636/23 WEB:www.ecwamix.co.za

• 3 Granville Avenue, Lea Glen, Roodepoort, Gauteng, South Africa.  
• P.O.Box 6403, Westgate, Roodepoort Gauteng, South Africa, 1734  
• Tel: +27 011 472-2256  
• Fax: +27 011 472-2121  
• E-mail: ecwamix@netactive.co.za