DA-1430 is a water-redispersible vinyl acetate/ethylene copolymer powder that is readily dispersible in water and forms stable emulsion. This resin is soft and flexible, because of its relatively high ethylene content. Its glass transition temperature is below freezing point.

This redisperisible powder is especially recommended for blending with inorganic binders such as cement, gypsum and hydrated lime, or as a sole binder for the manufacture of construction adhesives.

APPLICATIONS

DA-1430 improves adhesion, flexural strength, plasticity, abrasion resistance and workability of modified compounds such as tile adhesives, thermal insulation systems, repair mortars, trowelling compounds and mineral plasters.

Combined with cement or gypsum, it exhibits high thixotropy, a property of particular interest for cement and lime-cement mineral plasters.
added will depend on the formulation and requirements on adhesion, flexibility as well as impact, and ranges from 1 – 5 % DA-1430 based on total weight.

The thixotropic effect of DA-1430 is not so marked in gypsum plasters and gypsum plasters with carbonate fillers as in cementitious compounds.

**PROCESSING**

For the production of powdered products such as dry mortars, tile adhesives, troweling compound. DA-1430 redispersible powder is mixed with the dry, finely divided additives in suitable mixers. Pressure or excessive shear in the mixer and the transferring line should be avoided, since this will raise the temperature, leading to agglomeration of the thermoplastic resin particles.

After sufficient water has been added, mortars or trowelling compounds can be mixed by hand or machine.

Since mixing by hand only generates low shear forces, it is best to allow the mixture to mature by leaving it to stand for 5 minutes, and then to stir it again.

**STORAGE**

DA-1430 redispersible powder should be stored in cool and dry environment. It is recommended to use within 9 months, preferably be used as soon as possible in summer. Storage in high temperature and humidity conditions will increase the risk of caking. Opened containers should be used as soon as possible, if not, should be resealed to prevent ingress of moisture from the air.

DA-1430 redispersible powder supplied in paper bags should not be stacked. Prolonged heavy pressure may cause caking. Storage under pressure should also be avoided.

**SAFETY NOTICE**

Material Safety Data Sheets are available on request from sales offices or may be printed via web site www.dcc.com.

**PACKAGING**

25 Kg paper bag

Big Bag (size on request)