

TYPE

Thermoplastic, flexible methacrylate resin

FORM OF DELIVERY (f.o.d.)

50 % in white spirit 140/165 (50WS165)

SPECIAL PROPERTIES AND USE

Very rapid physical drying. Outstanding weather resistance. Excellent alkali and water resistance. Excellent pigment wetting.

Sole binder for full tone masonry paints or resin modified plasters.

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity [mPa.s] 1500 - 3000
(25 1/s; 23 °C)

Acid Value DIN EN ISO 2114

acid value [mg KOH/g] <= 3
(non volatile matter)

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter [%] 48 - 52
(1 h; 125 °C; 1 g; ethyl acetate)

Colour Scale (Hazen) DIN EN ISO 6271-1

Hazen colour value <= 200

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density [g/cm³] 0,87
approx.
(20 °C)

Flash Point DIN EN ISO 1523

flash point [°C] 25
approx.

DILUTABILITY

special white spirit 100/140	●	methyl isobutyl ketone	●
white spirit	●	butyl acetate	●
turpentine oil	●	methoxypropyl acetate	●
xylene	●	methoxypropanol	●
solvent naphtha 180/210	●	ethanol	○
acetone	●	butanol	⊙

● = unlimited dilutability

⊙ = substantial dilutability

⊙ = limited dilutability

○ = very limited or no dilutability

SUGGESTED USES

Viacryl SC 134 is a soft, highly flexible pure acrylate resin with superior weather resistance. Owing to the resistance to UV-light and alkali, Viacryl SC 134 is an excellent binder for alkaline substrates like plaster, concrete and masonry. Viacryl SC 134 is internally plasticized and thus a sole binder for highly pigmented plasters with durable flexibility.

PROCESSING

Paints and plasters on Viacryl SC 134 are usually prepared with dissolvers.

Soya lecithin is a suitable wetting agent.

Viacryl SC 134 can be used without plasticizers.

Masonry paints on Viacryl SC 134 can be applied by brush, rolling or spraying.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 730 days.

DISTINGUISHING FEATURES

Unlike Viacryl SC 154, Viacryl SC 134 is a pure acrylate resin. Viacryl SC 134 is internally plasticized and thus highly flexible.