

TYPE

Physically drying, plasticized acrylic mixed polymer

FORM OF DELIVERY (f.o.d.)

60 % in toluene (60T)

SPECIAL PROPERTIES AND USE

Sole binder for road marking paints with good adhesion, rapid film loading capacity and non discoloration properties.

The flexibility has been adjusted so that the use of additional plasticizers is not necessary.

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity [mPa.s] 8000 - 15000
(25 1/s; 23 °C)

Iodine Colour Number DIN 6162

iodine colour number <= 3

Acid Value DIN EN ISO 2114

acid value [mg KOH/g] 6 - 18
(non volatile matter)

Non-Volatile Matter DIN 55671

non-volatile matter [%] 58 - 62
(150 °C; 10 min; 0,8 g)

Not continually determined:

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter [%] 58 - 62
(1 h; 125 °C; 1 g; toluene)

Density (Liquids) DIN EN ISO 2811-2

density [g/cm³] 0,97
approx.
(20 °C)

Flash Point DIN EN ISO 1523

flash point [°C] 12
approx.

DILUTABILITY

special white spirit 80/120	⊙	acetone	●
white spirit	⊙	methyl isobutyl ketone	●
turpentine oil	●	butyl acetate	●
xylene	●	methoxypropyl acetate	●
solvent naphtha 180/210	●	methyl ethyl ketone	●
toluene	●	ethanol	○
ethyl acetate	●	butanol	○

● = unlimited dilutability
⊙ = substantial dilutability

⊙ = limited dilutability
○ = very limited or no dilutability

COMPATIBILITY

% Viacryl SC 160	90	75	50	25	10
% other binder	10	25	50	75	90

Acrylic resins

Viacryl SC 126 ● ● ● ● ●

Plasticizers

Hordaflex LC 50 ● ● ● ● ●

Other binders

Alpex CK 450 ○ ○ ○ ● ●

Pergut S 20 ● ○ ○ ○ ○

Hostaflex CM 620 ○ ○ ○ ○ ○

Laroflex MP 45 ○ ○ ○ ○ ○

● = definite compatibility

○ = very limited or no compatibility

SUGGESTED USES

Viacryl SC 160 was specially developed for use as sole binder for high quality road marking paints. Road marking paints based on Viacryl SC 160 have excellent adhesion, flexibility after ageing and non yellowing properties. Road marking paints based on Viacryl SC 160 are even suitable for use in hot climate zones.

It is, however, recommended to first conduct a trial application under the given conditions to ensure suitability.

PROCESSING

Viacryl SC 160 is generally compatible with most commonly used pigments and extenders with exception of basic pigments or pigments with basic surface treatment.

STORAGE

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

Producers:

Pergut S 20 (Bayer)