

# VIACRYL® VSC 6288w/35WA

## TYPE

Core shell acrylic emulsion to be used together with emulsified aqueous polyisocyanates for aqueous two component coating systems

Theoretical average hydroxyl value (solid resin)

approx. 65 mg KOH/g

## FORM OF DELIVERY (f.o.d.)

35 % in water (35WA)  
(containing also 4.3 % butylglycol)

Theoretical average hydroxyl content (solid resin)

approx. 2 %

## PRODUCT DATA

Determined per batch:

Dynamic Viscosity (Brookfield) DIN EN ISO 2555		
dynamic viscosity	[mPa.s]	20 - 90
(1; 100 1/min; 23 °C)		
pH-Value DIN ISO 976		
pH-value		7,4 - 8,1
(10 %)		
Non-Volatile Matter DIN EN ISO 3251		
non-volatile matter	[%]	34 - 36
(1 h; 125 °C; 1 g)		
Not continually determined:		
Colour / Appearance VLN 250		
colour		weißlich
Density (Liquids) DIN EN ISO 2811-2		
density	[g/cm <sup>3</sup> ]	1,03
approx.		
(20 °C)		
Flash Point (Pensky-Martens) DIN EN ISO 2719		
flash point	[°C]	> 100

## SPECIAL PROPERTIES AND USE

Used in combination with aqueous polyisocyanate emulsions to form two component polyurethane primer surfacers which can be formulated for industrial coating systems as well as primers to various plastics.

Such coating systems have the following characteristics:

- rapid curing
- excellent sandability
- very good overcoating properties
- excellent water resistance

## PROCESSING

Since Viacryl VSC 6288w is not shear stable, an appropriate mill base for pigmented systems should be selected. Viacryl VSC 6265w is recommended for this purpose.

Coating additives should be added to the mill base to ensure uniform distribution. Solvents should be diluted with deionized water.

## STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 365 days.

It is important to protect Viacryl VSC 6288w from frost; at low temperatures it has therefore to be stored under frostproof conditions.

Lowest storage temperature: 0 °C

4.0/17.07.2013 ( replaces all previous versions )

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