

TYPE

Water dilutable, modified polyester-acrylate polymer

Neutralization agent

1.5 % dimethyl ethanol amine, as salt

FORM OF DELIVERY (f.o.d.)

35 % in water (35WA)
(containing also 5.3 % butyl glycol)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity [mPa.s] 2000 - 15000
(25 1/s; 23 °C)

pH-Value DIN ISO 976

pH-value 7,5 - 8,5
(10 %)

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter [%] 34 - 36
(1 h; 125 °C; 1 g)

Colour / Appearance VLN 250

colour yellowish
appearance opaque

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density [g/cm³] 1,03
approx. (20 °C)

Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point [°C] > 100

SPECIAL PROPERTIES AND USE

Additol XW 6528 is a water dilutable grinding medium which can be used for colour- and shading pigment pastes. It is compatible in waterborne air-drying and stoving alkyds, waterborne acrylic resins, UV- curing systems, anodic deposition dipping lacquers, PU- dispersions and plastic dispersions. Additol XW 6528 is co-crosslinking in melamine and isocyanate curing systems.

It offers excellent wetting power for both inorganic and organic pigments. The pigment pastes are compatible with a wide variety of water dilutable binder systems. Special characteristics of binder systems remain unchanged by the use of Additol XW 6528. Leveling and gloss of coatings get improved.

PROCESSING

	Kronos 2310	Paliogen- red L 4120	Printex U
Additol XW 6528	24,27	50,00	60,17
deionized water	9,76	15,80	18,53
Additol VXW 6387 (antisetling agent)	1,90		
Aerosil 200	0,25		
Additol VXW 6374 (wetting agent)		3,00	1,81
Additol VXW 4973 (defoamer)	0,61	1,20	1,44
pigment	63,21	30,00	18,05
	100,00	100,00	100,00

STORAGE

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

Synthetic resins containing water may freeze or get inhomogeneous at temperatures below 0 °C. By this the product will not suffer any damage, but the necessary regeneration requires extended heat treatment at 40 - 50 °C with continuous stirring. It is therefore recommended to ensure frostproof storage of such products.

DISTINGUISHING FEATURES

Due to the co-crosslinking capability of Additol XW 6528 in melamine and isocyanate systems final coatings show better chemical resistance and salt spray test results compared to any other type of waterborne grinding resin.