

Acrylic Resins Plextol B 500, Plextol D 360, Plextol D 498 and Acronal 500 D

Base

Pure acrylate resin dispersions or dispersions of an acrylate vinyl acetate copolymer

Plextol B 500

Aqueous dispersion of an ethyl acrylate and methyl methacrylate based copolymer.

Plextol D 360

Aqueous dispersion of a butyl acrylate and methyl methacrylate based copolymer.

Plextol D 498

Aqueous dispersion of a butyl acrylate and methyl methacrylate based copolymer.

Acronal 500 D

Aqueous dispersion of an acrylate and vinyl acetate based copolymer.

Key figures	Plextol B 500	Plextol D 360	Plextol D 498	Acronal 500 D	
Name	Plextol B 500	Plextol D 360	Plextol D 498	Acronal 500 D	
Solids content	50	60	50	50	%
pH	9.5	8.0	9.0	3.5-4.5	
Min. film forming temperature	7	0	5	<1	°C
State of Films	transp., slightly adhesive transp., adhesive		transp., adhesive	transp., non-adhesive	
Glass transition temperature Tg	9		-8	13	-13 °C
Tensile strength at break	3	-	4	1.5	N/mm ²
Elongation at break	500	>1000	400	2500	%

Applications

Adhesive for consolidating grounds and paint layers:

Plextol B 500

Medium polymer hardness, good frost resistance

Plextol D 360

For flexible applications, soft film, high weathering stability

Plextol D 498

Medium polymer hardness (harder than Plextol B 500), good water glass resistance and weathering stability

Acronal 500 D

Very flexible film

Storage

The dispersions should be protected from frost and stored at temperatures below 40° C, ideally between 10° and 30° C.

Size

Plastic bottles in 1 lt

Plastic buckets in 5 lt

Properties

Thermoplastic, high transparency, high lightfastness

Solubility

Can be diluted with water

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