



IDROBEN - WATER EMULSION RESINS -1-													
IDROBEN	Type and Modification	Oil %	Solvent	Solids %	Visc [Brookf.] m Pa.s	A.V. Solids	pH	Colour	Applications				Suggested uses
									Air	Bake	Nitro	Catalyz.	
<b>130</b>	Alkyd dispersion - Drying fatty acids	20	WATER	42	1500 3000	...	6.5-7.5	White milky		■		■	Industrial air- drying or bake enamels. Tinting pastes vehicle.
<b>160</b>	Alkyd dispersion - Special fatty acids	35	WATER	42	3000	...	7.3-7.8	White milky	■	■			Fast air-drying enamels for agricultural machinery,with high-body and gloss characteristics.
<b>169</b>	Alkyd dispersion - Special fatty acids	35	WATER	44	700 1300	...	7.3-7.8	White milky	■	■			Fast air-drying industrial finishes endowed with high characteristics of adhesion,high-body and gloss.
<b>178</b>	Alkyd dispersion - Special fatty acids	33	WATER	44	700 1300	...	7.3-7.8	White milky	■	■			Very fast air-drying industrial finishes endowed with good mechanicals characteristics.
<b>180</b>	Alkyd dispersion - Drying fatty acids	20	WATER	44	700 1000	...	7.0-8.0	White milky	■	■			Industrial anticorrosive primers,fast dryingl finishes with good adhesion and mechanical characteristics.
<b>190</b>	Alkyd dispersion - Soya	50	WATER	48	2300 3300	...	7.3-8.0	White milky	■				Primers and non-yellowing air-drying finishes,also combined with acrylic emulsions.



IDROBEN - WATER DISPERSION RESINS												
IDROBEN	Type and Modification	Oil %	Solvent	Solids %	Visc [Brookf.] m Pa.s	A.V. Solids	pH	Colour	Applications			Suggested uses
									Air	Bake	Catalyz.	
<b>PD 721</b>	Aliphatic Polyurethane dispersion Special fatty acids		WATER	40	50 350	...	7.5-8.0	White milky	■	■	■	Fast air-drying Decorative and Industrial finishes endowed with high characteristics of adhesion, high-body and gloss.
<b>PD 717</b>	Aliphatic Polyurethane dispersion Special fatty acids		WATER	40	700 1300	...	7.0-8.5	White milky	■	■		Very fast air-drying Decorative and Industrial finishes endowed with good mechanical characteristics.
<b>201</b>	Polyurethane dispersion	...	WATER	35	50 70	...	7.0-8.0	White translucent	■	■		Film-forming resin, very fast-drying, suggested for flexible sealers and finishes for wood, metals and plastics. No coalescent required.
<b>202</b>	Polyurethane acrylic dispersion	...	WATER	37	50 70	...	7.0-8.0	White translucent	■	■		Film-forming resin for sanding sealers and finishes for wood, metals and plastics. No coalescent required.
<b>205</b>	Aliphatic polyurethane dispersion	...	WATER	34	50 70	...	7.0-8.0	White translucent	■	■		Film-forming, fast-drying resin endowed with flexibility and surface hardness, mar and water resistances. Finishes for wood, metals and plastics. No coalescent required.



**BENASEDO S.p.A.**

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IDROBEN - WATER-DILUTABLE RESINS - 4-													
IDROBEN	Type and Modification	Oil %	Solvent	Solids %	Visc. [G.H.]	A.V. Solids	pH	Colour [G.H.] max.	Applications				Suggested uses
									Air	Bake	Nitro	Catalyz.	
<b>AM 646</b>	Alkyd emulsion- Acrylic modified - Special fatty acids	46	WATER - BUTYL GLICOL	40	3000 - 5000	...	7.5-8.5	White translucent	■	■			Air drying, on yellowing water dilatable alkyd resin, acrylic modified. Particularly suggested for primers and fishes for industrial application.
<b>828</b>	Alkyd - Special fatty acids	30	BUTYLGLYCOL Sec.BUTANOL	75	Z4 -Z6	37-44	...	3	■	■			Non yellowing air – drying or baking enamels, with high – mechanical performances. Stowing undercoats and primers.
<b>878</b>	Epoxy ester - Dryng fatty acids	48	BUTYLGLYCOL Sec.BUTANOL	70	Z1-Z3 (60% BG)	45-55	...	5		■			Baking – curing primers or finishes with high characteristics of adhesion, flow and hardness.
<b>EP 5595</b>	Epoxy ester Acryl modified - Dryng fatty acids	38	BUTYLGLYCOL	68	Z-Z2	45-55	...	12	■	■			Fast Air and Baking – curing primers or finishes with high characteristics of adhesion, flow and hardness.
<b>1057</b>	Saturated Polyester	---	BUTYLGLYCOL	60	Y-Z	42-50	---	2			■		Water soluble tinting pastes systems. Clear or pigmented industrial baking coatings.
<b>1271</b>	Saturated polyester	---	BUTYLGLYCOL BUTANOL	70	Z3-Z4+	42-50	---	2			■		Bake enamels with very good properties of build – up, flow, gloss and hardness. Exterior base and top- coatings for tubes and cans. General purpose industrial enamels.
<b>2019</b>	Saturated polyester	---	WATER BUTYLGLYCOL	50	V-W	...	7.5-8.5	3			■		Low – voc, non – yellowing baking primers and finishes endowed with good properties of build – up, flexibility and adhesion.
<b>2026</b>	Saturated polyester	---	WATER	50	6300 - 14800	...	7,5-8.0	3			■		Zero – voc, non – yellowing baking industrial primers and enamels, with very good adhesion and high mechanical characteristics.
<b>5117</b>	Alkyd - Special fatty acids	38	WATER	80	Z7 -Z8	...	8,3 -8,8	4			■		Zero –voc, non yellowing baking enamels, with high – mechanical performances. Stowing top coats and primers.