

# Resins for coatings applications

EMEA1





Product	Chemistry Type	Total Solids (%)	APE Free	Tg (°C) Onset	pH	Key Features	Primer	Exterior	Interior	Floor	Roof	Swimming Pool	Direct-to-Metal	Wood	Intumescent
Hydro PLIOLITE® 010	Modified Acrylic	40	●	25	7.0 - 8.0	Emulsified binding system allows excellent penetration to porous masonry substrates and outstanding exterior weathering.	x	x	0						
Hydro PLIOLITE 050	Acrylic	40	●	NA	5.5 - 6.5	Amphoteric binding system (polymer with anionic and cationic groups) that has outstanding stain-blocking properties and provides excellent adhesion to a wide variety of substrates. Recommended for low VOC stain-blocking multi-purpose coatings and tannin blocking primer.	x	0	x					x	
Hydro PLIOLITE 211	Styrene Acrylic	50	●	29	8.0-9.0	Copolymer designed for high-performance waterborne intumescent coatings (R30 to R120) for indoor or outdoor exposure.									x
Hydro PLIOLITE 330	Acrylic	45	●	NA	7.5 - 8.5	Binder designed for a use in weather and surface tolerant wood trim paints. Promotes excellent adhesion and blocking resistance even when dried under cold and wet weather conditions with superior hardness/flexibility balance and good adhesion on alkyds.		x	x					x	
PLIOTEC® 119	Vinyl Acetate/ Versatate	50	●	27	3.5 - 4.5	Copolymer dispersion designed for a use in high performance intumescent paints. Provides excellent fire resistance and char thickness.									x
PLIOTEC 7104 E	Styrene Acrylic	45	●	51	8.8 - 9.8	Forms resistant films with excellent adhesion to concrete.	x			x		x			
PLIOTEC CR78	Acrylic	41	●	38	8.0 - 9.0	Latex used in garage floor paints that have excellent chemical and hot-tire resistance. Typical applications include garage floor paints, basement and laundry room floor paints. Applications include: garage floor paints, basement and laundry room floor paints.				x					
PLIOTEC CS24	Modified Acrylic	47	●	NA	7.5 - 9.0	ADH-free binder with excellent blocking and cracking resistance. Recommended for high gloss wood trim paints.		0	x					x	
PLIOTEC HDT 16	Modified Acrylic	50	●	52	8.0 - 9.0	Excellent adhesion to a wide variety of substrates. Excellent water resistance. Fast hardness development.	x	x	x	x	0		x	0	
PLIOTEC HDT 12	Modified Acrylic	50	●	28	7.5 - 8.5	Excellent adhesion to ferrous and non ferrous metals. Outstanding water resistance in low VOC formulations.	x	x	x		x		x		
PLIOTEC LEB 18	Styrene Acrylic	42.5	●	12	8.5 - 9.5	Latex designed for a use in chemical and hot-tire resistant paints. Typical application include garage floor paints, basement and laundry room floor paints.	x	x							
PLIOTEC LEB 20	Acrylic	45	●	19	8.0 - 9.0	Low Exudation Binder technology that ensures superior resistance to exudation and efflorescence. Excellent color retention associated to strong early rain resistance and superior dirt-pick-up resistance.	x	x	0						
PLIOTEC PA05	Acrylic	48	●	48	8.0 - 9.0	For high performance concrete sealers, floor paints, pigmented masonry coatings, roof tile coatings and more.		x		x	x	x			
PLIOTEC PA90 MT	Acrylic	48	●	25	8.0 - 9.0	For high performance concrete sealers, floor paints, pigmented masonry coatings, vertical clear coatings and other specialty applications.	x	x		x	x	x			
PLIOTEC SA40	Styrene Acrylic	48	●	33	7.5 - 8.5	For low VOC coatings that are tough, flexible and abrasion resistant. Outstanding efflorescence and alkali resistant on fresh concrete.	x								

x Main application 0 Possible application



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<b>PLIODISP™ 7215</b>	Vinyl Acetate/ Versatate	55	●	30	4.0 - 5.0	Good overall performance for interior, semi-gloss and textured paints. Exhibits good brushability, open time and levelling, as well as good mud-cracking and thermal mechanical resistance.		0	x						
<b>PLIODISP 7252</b>	Vinyl Acetate/ Versatate	51	●	34	5.5 - 6.5	Major features include excellent binding power and good water, alkali and weathering resistance.		x	0						
<b>PLIODISP 7600</b>	Styrene Acrylic	50	●	-6	7.0 - 8.0	Exhibits high elongation at break, low water uptake and effective water impermeability. Recommended for elastomeric roof coatings.		x			x				
<b>PLIODISP 7670</b>	Styrene Acrylic	34	●	-12	7.5 - 9.0	Nanolatex binder with correct balance between penetrating and consolidating properties, especially for old and chalky substrates. Its versatility allows the use of a wide range type of topcoats.	x								
<b>PLIODISP 7693</b>	Styrene Acrylic	50	●	25	7.5 - 9.0	Versatile binder suitable for cost/effective high PVC paints, including 100% ammonia-free. Major features include superior binding power.		0	x						
<b>PLIODISP 7730</b>	Acrylic	55	●	-13	7.5 - 9.0	Used in elastomeric wall and roof coatings with excellent aging behavior. Exhibits low water uptake, alkali resistance and high elongation even in negative temperature.		x			x				
<b>PLIODISP 7735</b>	Acrylic	64	●	-34	7.0 - 8.0	Pure acrylic binder, especially designed for elastomeric façades coatings, including anticarbonation coatings on reinforced concrete. Exhibits good elasticity properties at low temperatures before and after exterior exposure, as well as excellent dirt pick-up.		x			0				
<b>PLIODISP 7776</b>	Acrylic	46	●	20	7.5 - 9.0	Suitable for exterior paints for façades. Major features are good exterior durability (color retention for deep shade paints) and snail trail resistance.	0	x	0						
<b>PLIODISP 7788</b>	Acrylic	50	●	10	7.5 - 9.0	Allows the formulation of façade and wall paints with low VOC emissions. Main features includes good binding power and exterior durability.		x	0						
<b>PLIODISP 9741</b>	Acrylic	47	●	NA	8.0 - 9.0	Exhibits excellent blocking resistance especially suitable for the formulation of wood varnishes.			x					x	

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NOTE: Although the data supplied above is believed to be accurate, each user is advised to make an independent determination as to whether the described product(s) is/are appropriate for a particular use or application, whether such use will comply with all applicable laws or regulations, or whether such use will infringe the intellectual property rights of third parties.



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