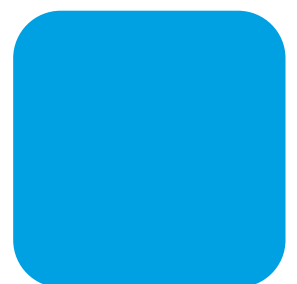
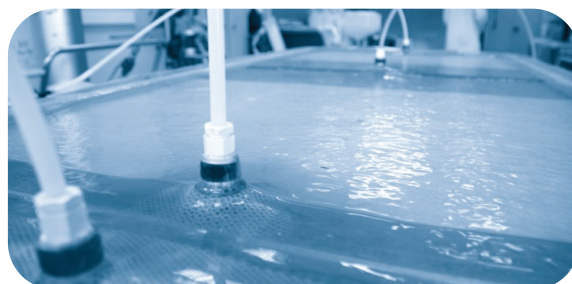
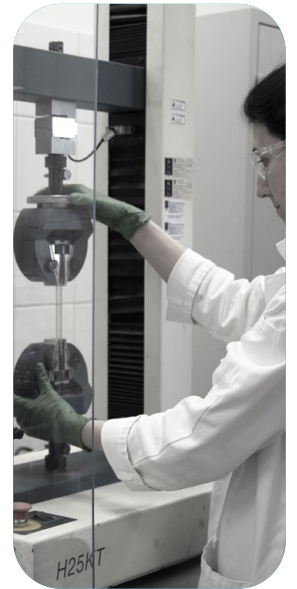







# NORD COMPOSITES

Producer and formulator  
**Resins**



# HAND LAYUP & SPRAY

	NATURE	VISCOSITY @ 23°C	GEL TIME @ 23°C	PEAK T° @ 23°C	STYRENE %	HDT °C	E. at B. %	
<b>SKIN COAT</b>								
<b>NORESTER 6600 TPA &amp; TPA LGT</b>	ISO	1800-2200	20-25 30-40	-	44-46	65	6,3	Thixotropic, pre-accelerated, contains a catalysis color indicator. Stays tacky for 12 hours.
<b>NORESTER 568 TPA &amp; TPA LGT</b>	ISO NPG	1300-1700	15-20 30-40	-	42-46	85	2,7	Thixotropic, pre-accelerated. Chemical resistance and good resistance to hydrolysis.
<b>NORESTER 842 TPA &amp; TPA LGT</b>	VE Hybrid	2800-3800	13-21 25-33	140-170	34-36	98	4,7	Thixotropic, pre-accelerated. Designed to be laminated behind our VE tooling gel coats.
<b>NORESTER 6800 TA 10, TA 20 &amp; TA 30</b>	VE ISO NPG	1250-1750	8-12 17-21 26-34	-	45-50	98	3,8	Thixotropic, pre-accelerated. Chemical resistance and good resistance to hydrolysis.
<b>STRUCTURE &amp; CONSTRUCTION</b>								
<b>NORESTER 6755 TAX HV-20 &amp; HV-30</b>	ORTHO DCPD	2600-3000	17-23 28-34	-	39-43	60	2,0	Thixotropic, pre-accelerated, contains a catalysis color indicator. Exists in low styrene emission version E with paraffin.
<b>NORESTER 8435 TA 20 &amp; TA 40</b>	ORTHO DCPD	2000-2500 <sup>(1)</sup>	17-25 <sup>(1)</sup> 32-38 <sup>(1)</sup>	-	≤ 35	85	2,2	Thixotropic, pre-accelerated, contains a catalysis color indicator. Exists in low styrene emission version E with paraffin. Lloyd's approved. 
<b>NORESTER 8420 TPA</b>	ORTHO DCPD	1500-1800	17-22	180-200	≤ 20	70	2,1	Thixotropic, pre-accelerated, contains a catalysis color indicator. 
<b>NORESTER 8420 TPAV &amp; TPAV LGT</b>	ORTHO DCPD	1500-1800	17-22 35-45	180-200	≤ 20	70	2,1	Thixotropic, pre-accelerated, contains a catalysis color indicator and paraffin. 
<b>NORESTER 172 TPA &amp; TPA LGT</b>	ISO Hybrid	1500-2000	13-19 26-30	-	38-42	75	4,0	Thixotropic, pre-accelerated, contains a catalysis color indicator. Lloyd's approved. 
<b>NORESTER 172 TH TPA</b>	ISO Hybrid	22500-27500	14-18	-	38-42	75	4,0	Thixotropic, pre-accelerated, contains a catalysis color indicator. Lloyd's approved. 
<b>NORESTER 6600 TPA &amp; TPA LGT</b>	ISO	1800-2200	20-25 30-40	-	44-46	65	6,3	Thixotropic, pre-accelerated, contains a catalysis color indicator. Remains tacky for 12 hours.
<b>NORESTER 6600 TPAV &amp; TPAV LGT</b>	ISO	1800-2200	20-25 30-40	-	44-46	65	6,3	Thixotropic, pre-accelerated, contains a catalysis color indicator. Low styrene emission.
(1) Controlled @ 25°C								

# HAND LAYUP & SPRAY



	NATURE	VISCOSITY @ 23°C	GEL TIME @ 23°C	STYRENE %	HDT °C	E. at B. %		
<b>FIRE RETARDANT</b>								
<b>NORESTER 056/113 NPA</b>	<b>ORTHO MA</b>	2000-2400	8-10	29-31	70*	6,6 <sup>(1)</sup>	Thixotropic, non pre-accelerated.	UL94-V0 with GC199 NF16/101- M2F1 with GC199
<b>NORESTER 056/113 PA &amp; PA LGT</b>	<b>ORTHO MA</b>	2000-2400	8-12 15-21	29-31	70*	6,6 <sup>(1)</sup>	Thixotropic, pre-accelerated.	UL94-V0 with GC199 NF16/101- M2F1 with GC199
<b>NORESTER 083 NPA</b>	<b>ORTHO DCPD</b>	3900-4100	24-30	5-15	64,5	1,9	Thixotropic, non pre-accelerated.	M1F1 with GC184 OMI (Floor) with GC184
<b>NORESTER 083 TPA &amp; TPA LGT</b>	<b>ORTHO DCPD</b>	3900-4100	25-35 35-45	5-15	64,5	1,9	Thixotropic, pre-accelerated.	M1F1 with GC184 OMI (Floor) with GC184
<b>NORESTER 085 TPA</b>	<b>CI</b>	5500-6500	11-19	20-25	78	1,1	Thixotropic, pre-accelerated.	M1F2 with GC185 Class1 with GC185
<b>NORESTER 774 TPA</b>	<b>VE CI MA</b>	1650-2350	20-25	35-45	72,5	3,2	Clear resin, thixotropic, pre-accelerated. Catalysis with PAAC. Also exists in white version.	M2F3
<b>NORESTER 090 TPA</b>	<b>DCPD</b>	1800-2200	8-12	43-46	50	5,1	Clear resin, thixotropic, pre-accelerated.	Class 2
<b>NORESTER 880/2 TPA &amp; TPA LGT</b>	<b>DCPD</b>	2000-3000	25-35 45-55	3-10	70	0,5	White resin, thixotropic, pre-accelerated.	OMI (floor) with GC886 HL2 R1/R7 with GC886 BS2D0 with GC886
<b>NORESTER 895 LGT WHITE PA</b>	<b>DCPD MA</b>	3500-5500	13-17	15-25	85	1,1	White resin, thixotropic, pre-accelerated.	M2F1 with GC199 S4SR2ST2 with GC199 M2F1 Class 2 with GC199
* Measured on a 4 mats 450 g/m <sup>2</sup> laminate								

# HAND LAYUP & SPRAY

	NATURE	VISCOSITY @ 23°C	GEL TIME @ 23°C	PEAK T° @ 23°C	STYRENE %	HDT °C	E. at B. %	
<b>TOOLING</b>								
NORESTER 1000/50 TPA & TPA LGT	DCPD MA	6000-7000	20-30 40-50	90-130	36-38	81	6,2	Thixotropic, pre-accelerated, filled.
NORESTER 2550 NV TPA	DCPD MA	5500-6500	32-42	120-160	30-34	75	6,3	Thixotropic, pre-accelerated, filled.
NORESTER 8600 TPA	DCPD MA	5500-6500	32-42	120-160	19	60	4,5	Thixotropic, pre-accelerated, filled.
NORESTER 3000 TPA & TPA LGT	VE MA	4500-5500	20-26 40-45	105-135	28	105	7,6	Thixotropic, pre-accelerated, filled.
<b>POLYSTYRENE ADHESION</b>								
NORESTER 879 TPA & TPA LGT	DCPD	1500-1900	19-24 35-45	-	16-18	89	2,6	Thixotropic and pre-accelerated.
<b>ABS/PMMA REINFORCEMENT</b>								
NORESTER 10169 AX 10	ORTHO	180 - 200	11	120-140	30-40	47	1,4	Non thixotropic, accelerated, clear. Good adhesion to acrylic surfaces and ABS.
NORESTER 633 D TPA & TPA LGT	ORTHO	2750-3250	8-12 17-23	-	25-30	-	-	Thixotropic, pre-accelerated, filled. Recommended to strengthen acrylic bathtubs.
NORESTER 10705 TA 5 & TA 25	DCPD	1800-2200	4-6 <sup>(1)</sup> 24-28 <sup>(1)</sup>	155-185	34-38	93	1,1	Thixotropic, pre-accelerated, clear. Good adhesion to PMMA and ABS.
(1) Controlled @ 20°C								

	NATURE	VISCOSITY @ 25°C	GEL TIME @ 25°C	PEAK T° @ 25°C	STYRENE %	HDT °C	E. at B. %	
<b>SPECIALTY RESINS</b>								
NORESTER 6601	ORTHO	600-80 <sup>(2)</sup>	6-8 <sup>(2)</sup>	-	28-32	76	2,9	Surfboard resin.
NORESTER 745	ORTHO flexible	500-900 <sup>(2)</sup>	6-10 <sup>(2)</sup>	-	34-28	-	-	Recommended for non-slip decks for boats.
MFE 780 HT NPA	VE	900-1200	13-23	-	-	205	2,5	Non-thixotropic, non pre-accelerated. Chemical resistance, novolac type. Excellent corrosion resistance.
MFE 780 HT PA	VE	900-1200	8-12	-	-	205	2,5	Non-thixotropic, pre-accelerated. Chemical resistance, novolac type. Excellent corrosion resistance.
MFE 711 TPA, TPA MGT & TPA LGT	VE	1600-2000	12-16 20-24 30-35	155-185	42-48	105	5,5	Thixotropic, pre-accelerated. Chemical resistance, bisphenol-A epoxy.
(2) Controlled @ 23°C								

# CLOSED MOLD

	NATURE	VISCOSITY @ 23°C	GEL TIME @ 23°C	PEAK T° @ 23°C	STYRENE %	HDT °C	E. at B. %	
<b>INJECTION - RTM</b>								
<b>NORESTER 11177 PAAC-10</b>	<b>ORTHO</b>	80-130	8-10	-	46-50	61	5,0	Non-thixotropic, non-accelerated, clear.
<b>NORESTER 877 PA</b>	<b>ORTHO</b>	80-130	20-25	-	46-50	61	5,0	Non-thixotropic, accelerated, clear. Exist in internal release agent version (D).
<b>NORESTER 11178 PAAC AD 15</b>	<b>ORTHO</b>	80-100	14-18	-	46-50	-	-	Non-thixotropic, accelerated, clear, contains an internal release agent.
<b>NORESTER 11731 AD 25</b>	<b>ORTHO DCPD</b>	350-500	25-30	-	28-32	69	2,0	Thixotropic, accelerated, filled, contains an internal release agent. Developed for Infujection processes.
<b>NORESTER 710 TPA</b>	<b>ORTHO MA</b>	350-450	9-11	-	38-40	83	3,3	Thixotropic, accelerated, filled. Exists in white and grey.
<b>NORESTER 172 NPA</b>	<b>ISO HYBRID</b>	180-220	27-33	-	44-46	-	-	Non-thixotropic, non-accelerated, clear.
<b>NORESTER 11370 A45</b>	<b>ISO</b>	160-200	38-48	-	42-44	66	5,9	Non-thixotropic, accelerated, clear.
<b>NORESTER 870 BV WHITE PA</b>	<b>ISO</b>	160-200	20-25	-	42-44	66	5,9	Non-thixotropic, accelerated, white.
<b>NORESTER 568 BV PA</b>	<b>ISO NPG</b>	300-350	7-9	-	44-46	88	3,5	Non-thixotropic, accelerated, clear. Chemical and hydrolysis resistance.
<b>INFUSION</b>								
<b>NORESTER 102 PA</b>	<b>ORTHO</b>	105-135	50-60	180-200	-	70	1,3	Accelerated. Recommended for producing 2-4 mm thick parts and for use in silicone vacuum bag process.
<b>NORESTER 11712 A20</b>	<b>ORTHO DCPD</b>	130-150	17-23	170	53-55	-	-	Accelerated, promoted.
<b>NORESTER 822 PR</b>	<b>ORTHO DCPD</b>	130-150	21-27	-	53-55	85	1,8	Accelerated, promoted.
<b>NORESTER 822 PA</b>	<b>ORTHO DCPD</b>	130-150	35-45	120	53-55	85	1,8	Accelerated.
<b>NORESTER 822 BV LGT/110</b>	<b>ORTHO DCPD</b>	90-110	50-70	120	53-55	-	-	Accelerated.
<b>NORESTER 11758 A 25</b>	<b>DCPD VE</b>	90-115	20-30	-	45-50	88	2,8	Accelerated. 45-50 min gel time with LNT.
<b>NORESTER 11758 A 100</b>	<b>DCPD VE</b>	90-115	90-110	-	45-50	88	2,8	Accelerated.
<b>NORESTER 568 A20 &amp; A50</b>	<b>ISO NPG</b>	135-155	19-25 45-55	195-225	45-48	92	2,2	Accelerated. Chemical and hydrolysis resistance.
<b>MFE 711 INFUSION NPA</b>	<b>VE</b>	270-290 <sup>(1)</sup>	45-50 <sup>(1)</sup>	-	-	-	-	Non-accelerated. Chemical resistance.
<b>MFE 711 INFUSION PA</b>	<b>VE</b>	270-290 <sup>(1)</sup>	45-50 <sup>(1)</sup>	-	-	-	-	Accelerated. Chemical resistance.
(1) Controlled @ 25°C								

# CASTING

	NATURE	VISCOSITY @ 23°C	GEL TIME @ 23°C	PEAK T° @ 23°C	STYRENE %	HDT °C	DENSITÉ	
<b>READY TO USE</b>								
<b>NORESTER 954 LV-20</b>	<b>ORTHO</b>	70-110	17-23	60-90	25 - 32		0,80-0,85	Light weight, pre-accelerated, low shrinkage.
<b>NORESTER 634 SV-10</b>	<b>ORTHO</b>	130-180	10-14	110-130	20 - 25		0,95-1,15	Light weight, pre-accelerated, very low shrinkage.
<b>NORESTER 856 PAAC LV-25</b>	<b>ORTHO Br</b>	85-100	22-30	45-80	18 - 24		1,58-1,62	Pre-accelerated, low shrinkage. Catalysis with PAAC.
<b>NORESTER 624 SV-20</b>	<b>DCPD</b>	125-175	16-20	60-95	18 - 24		1,50-1,60	Pre-accelerated, low shrinkage.

	NATURE	VISCOSITY @ 25°C	GEL TIME @ 25°C	PEAK T° @ 25°C	STYRENE %	HDT °C	E. at B. %	
<b>POLYMER CONCRETE</b>								
<b>NORESTER 970</b>	<b>ORTHO</b>	530-570 <sup>(1)</sup>	7-8 <sup>(1)</sup>	187-197	39-40	-	-	To be filled. Non thixotropic, non pre-accelerated.
<b>NORESTER 8162 RS</b>	<b>ORTHO</b>	380-550	9-13	152-170	31-34	70	2,2	To be filled. Non thixotropic, non pre-accelerated. Recommended for producing toilet seats. Also exists in flexible version.
<b>NORESTER 8178-10</b>	<b>ORTHO</b>	500-600	8-12	170-190	31-33	60	2,0	To be filled. Non thixotropic, non pre-accelerated. Recommended in BRETON process.
<b>NORESTER 8178-20 &amp; 30</b>	<b>ORTHO</b>	680-750	18-22 30-33	165-185	31-33	60	2,0	To be filled. Non thixotropic, non pre-accelerated. Recommended in BRETON process.
<b>NORESTER 8702 SX 5</b>	<b>DCPD</b>	80-100	3-5	190-220	37-39	55	2,0	To be filled. Non thixotropic, non pre-accelerated.
<b>NORESTER 8795 AF 15</b>	<b>DCPD</b>	150-300 <sup>(2)</sup>	6-8 <sup>(2)</sup>	160-180	31-34	67	2,5	To be filled. Non thixotropic, pre-accelerated. Flexible, low shrinkage.

<b>SOLID SURFACE</b>								
<b>NORESTER 8363 AN 7</b>	<b>ISO</b>	450-550	5-8	175-195	25-30	65-75	3,2	Non-thixotropic, pre-accelerated, promoted, light color. Good wettability and compatibility with mineral fillers.
<b>NORESTER SP 736</b>	<b>ISO NPG</b>	1100-1300 <sup>(1)</sup>	8-12 <sup>(1)</sup>	-	33-35	70	4,0	Non-thixotropic, pre-accelerated. Good wettability and compatibility with mineral fillers.
<b>NORESTER 8101 SZ 20</b>	<b>ISO NPG</b>	600-650	18-23	190-200	30-35	90	2,2	Non-thixotropic, non-accelerated, acrylic ISO NPG resin modified and containing a UV additive. Recommended for synthetic marble and granite casting.
<b>NORESTER 8330 AZ 10</b>	<b>ISO NPG</b>	1200-1500 <sup>(2)</sup>	7-10 <sup>(2)</sup>	180-195	25-30	90-95	3,0	Non-thixotropic, pre-accelerated, no catalysis color indicator, light color. Good pigments & fillers wettability and good chemical resistance.
<b>NORESTER 8330 AZ 15</b>	<b>ISO NPG</b>	1200-1500 <sup>(2)</sup>	13-17 <sup>(2)</sup>	170-190	25-30	65-75	3,2	Non-thixotropic, pre-accelerated, no catalysis color indicator, light color. Good pigments & fillers wettability and good chemical resistance.
<b>NORESTER 8951-8</b>	<b>ISO NPG</b>	750-850	7-9	170-180	35-40	90	2,0	Non-thixotropic, non pre-accelerated, no catalysis color indicator. Good pigments & fillers wettability and good chemical resistance.

(1) Controlled @ 20°C  
(2) Controlled @ 23°C

# FILAMENT WINDING

	NATURE	VISCOSITY @ 25°C	GEL TIME @ 25°C	PEAK T° @ 25°C	STYRENE %	HDT °C	E. at B. %	
<b>NORESTER 13157-15</b>	<b>ORTHO</b>	400-500	15	175-195	39-43	72	2,0	Non-thixotropic, non pre-accelerated. Reactivity according to SPI method.
<b>NORESTER 13173 TAB 10 &amp; TAB 20</b>	<b>ORTHO</b>	1600-1800 <sup>(1)</sup>	8-12 <sup>(1)</sup> 18-22 <sup>(1)</sup>	180-200	38-42	83	4,1	Thixotropic, pre-accelerated. Gives translucent laminates. Can also be used in hand layup.
<b>NORESTER 13343-30</b>	<b>ISO NPG</b>	700-900	30	175-200	34-37	90	2,2	Non-thixotropic, non pre-accelerated. Excellent chemical resistance.
<b>NORESTER 13343 FX 30</b>	<b>ISO NPG</b>	450-500	30	190-220	41-44	100	4,5	Non-thixotropic, non pre-accelerated,. Flexible version. Excellent chemical resistance.
(1) Controlled @ 23°C								

# PULTRUSION

	NATURE	VISCOSITY @ 25°C	GEL TIME @ 25°C	PEAK T° @ 25°C	STYRENE %	HDT °C	E. at B. %	
<b>NORESTER 18714 RZ</b>	<b>DCPD</b>	250-350	3-8	210-230	34-36	110	1,5	Non-thixotropic, non pre-accelerated. Catalysis with PBO.
<b>NORESTER 18394 S &amp; SF</b>	<b>ISO</b>	500-650	3-6	205-225	38-40	95	3,9	Non-thixotropic, non pre-accelerated. Catalysis with PBO.
<b>NORESTER 18940 FS</b>	<b>ISO NPG</b>	500-600	3-6	205-235	-	100	4,5	Non-thixotropic, non pre-accelerated. Catalysis with PBO. Chemical resistance.

# CHEMICAL ANCHORING

	NATURE	VISCOSITY @ 25°C	GEL TIME @ 25°C	PEAK T° @ 25°C	STYRENE %	HDT °C	E. at B. %	
<b>NORESTER 7759 AY 5</b>	<b>DCPD</b>	230-300	4-6	125-145	0 <small>Low styrene content</small>	-	-	Non-thixotropic, pre-accelerated. Catalysis with PBO.

# CONTINUOUS LAMINATION

	NATURE	VISCOSITY @ 25°C	GEL TIME @ 25°C	PEAK T° @ 25°C	STYRENE %	HDT °C	E. at B. %	
<b>NORESTER 17128 SX 5</b>	<b>ORTHO</b>	270-300	4,5-5,1	180-195	37-40	75	2,0	Non-thixotropic, non pre-accelerated. Contains a brightener, light stabilized. Recommended for corrugated panels production.
<b>NORESTER 149 NPA</b>	<b>ORTHO</b>	650-750 <sup>(1)</sup>	18-22 <sup>(1)</sup>	-	-	77	2,0	Non-thixotropic. Non pre-accelerated.
(1) Controlled @ 20°C								

# CENTRIFUGATION

	NATURE	VISCOSITY @ 23°C	GEL TIME @ 23°C	PEAK T° @ 23°C	STYRENE %	HDT °C	E. at B. %	
<b>NORESTER 848 WHITE 9002 TPA</b>	<b>ISO</b>	400-500	8-12	-	-	-	-	Tinted white RAL 9002. Thixotropic, pre-accelerated.
<b>NORESTER 848 WHITE 9002 AD TPA</b>	<b>ISO</b>	400-500	8-12	-	-	-	-	Tinted white RAL 9002. Thixotropic, pre-accelerated. Contains an internal release agent.
<b>NORESTER 848 WHITE 9002 TPAV</b>	<b>ISO</b>	400-500	8-12	-	-	-	-	Tinted white RAL 9002. Thixotropic, pre-accelerated. Low styrene emission.



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