



**SIR INDUSTRIALE** SpA

**SIRESTER® - Unsaturated Polyester Resins and Vinyl Esters**

**SIRESTER®**  
**HAND LAY-UP/SPRAY-UP**

PRODUCT	TYPE	DESCRIPTION
FSN 0850/AMT	Orthophthalic	Orthophthalic preaccelerated thixo; superior wetting properties, nautical applications, Lloyd's approved
ISN 0841/AT	Isophthalic	Isophthalic preaccelerated thixo; superior wetting properties, nautical applications, Lloyd's approved
ISN 0841/ATV	Isophthalic	Isophthalic preaccelerated thixo; superior wetting properties, low exothermic, nautical applications, Lloyd's approved
VE 45M90/AT	Vinylester	Vinylester preaccelerated thixo; high chemical and thermal resistance; general purpose and nautical applications, Lloyd's approved
VE 114M110/AT	Vinylester	Vinylester preaccelerated thixo; high chemical and thermal resistance; general purpose and nautical applications, Lloyd's approved
FS 0993/AT	Orthophthalic	Orthophthalic preaccelerated thixo; good mechanical properties, general purpose
FS 0800/AT	Orthophthalic	Orthophthalic preaccelerated thixo; very high mechanical and thermal properties, thin laminates
FS 0956/AT	Orthophthalic	Orthophthalic preaccelerated thixo; excellent wetting, good mechanical properties, general purpose
FS 0995/AT	Orthophthalic	Orthophthalic preaccelerated thixo; good mechanical properties, storage tanks for agriculture
FS 0995/ATM	Orthophthalic	Orthophthalic preaccelerated thixo; good mechanical properties; general purpose, swimming pools
IS 4245	Isophthalic	Isophthalic preaccelerated thixo; high mechanical and thermal properties, chemical resistance
IS 4245/M	Isophthalic	Isophthalic preaccelerated thixo; high mechanical and thermal properties, food contact applications
ISN 0841/ATF	Isophthalic	Isophthalic preaccelerated thixo; superior wetting properties, food contact applications, swimming pools
FS 0994/ATV	Orthophthalic	Orthophthalic preaccelerated thixo; high viscosity, low exothermic; general purpose, Lloyd's approved

<b>FS 0994/ATF</b>	Orthophthalic	Orthophthalic preaccelerated thixo; general purpose, food contact applications, Lloyd's approved
<b>FS 0992/AT</b>	Orthophthalic	Orthophthalic preaccelerated thixo; low viscosity, high filling capability; general purpose, PMMA backing
<b>EC 0947/AMT</b>	Orthophthalic	Orthophthalic preaccelerated thixo with LSE; superior wetting properties, nautical applications, Lloyd's approved
<b>EC 0947/AMT/V</b>	Orthophthalic	Orthophthalic preaccelerated thixo with LSE; superior wetting properties, low exothermic, nautical applications, Lloyd's approved
<b>EC 0994/ATV</b>	Orthophthalic	Orthophthalic preaccelerated thixo with LSE; high viscosity, low exothermic; general purpose, Lloyd's approved
<b>EC 0993/AT</b>	Orthophthalic	Orthophthalic preaccelerated thixo with LSE; good mechanical properties, general purpose
<b>EC 0800/AT</b>	Orthophthalic	Orthophthalic preaccelerated thixo with LSE; very high mechanical and thermal properties, thin laminates
<b>LSC 0850/AMT</b>	Hybrid	Hybrid resin preaccelerated thixo; superior wetting properties, nautical applications, Lloyd's approved
<b>ELS 0850/AMT</b>	Hybrid	Hybrid resin preaccelerated thixo with LSE; superior wetting properties, nautical applications, Lloyd's approved
<b>ELS 0850/AMT/V</b>	Hybrid	Hybrid resin preaccelerated thixo with LSE; superior wetting properties, low exothermic, nautical applications, Lloyd's approved
<b>IS 0868/T</b>	Isophthalic	Isophthalic thixo; high viscosity and thixotropy, very low exothermic, nautical applications
<b>LSC 0994/ATF</b>	Hybrid	Hybrid resin preaccelerated thixo; good wetting properties, general purpose
<b>LSC 0994/ATP</b>	Hybrid	Hybrid resin preaccelerated thixo; good wetting properties, general purpose
<b>IS 4245/C</b>	Isophthalic	Isophthalic preaccelerated thixo; high mechanical and thermal properties, chemical resistance, WRAS approved
<b>ISN 0841/ATC</b>	Isophthalic	Isophthalic preaccelerated thixo; superior wetting properties, food contact applications
<b>VI 950/AT</b>	Modified vinylester	Vinylester preaccelerated thixo; high chemical and thermal resistance; nautical applications

## FILAMENT WINDING

PRODUCT	TYPE	DESCRIPTION
FS 0800	Orthophthalic	Orthophthalic; very high mechanical and thermal properties, drinking water approved
FS 0995/C	Orthophthalic	Orthophthalic; good mechanical properties
FS 4230	Orthophthalic	Orthophthalic; superior wetting, good mechanical properties
FS 0956	Orthophthalic	Orthophthalic; excellent wetting and surface properties
IS 0785	Iso-neo	Iso-neo; high mechanical and thermal properties, chemical resistance, drinking water approved
ISN 0841/RF	Isophthalic	Isophthalic; high mechanical properties, chemical resistance, drinking water approved
VE 45M90	Vinylester	Vinylester; excellent chemical resistance
VE 64M140	Vinylester	Vinylester; excellent chemical resistance, drinking water approved
FS 0800/PRA	Orthophthalic	Orthophthalic preaccelerated; medium-low viscosity, very high mechanical and thermal properties, food contact
FS 4235	Orthophthalic	Orthophthalic; good wetting, high mechanical properties, food contact

## PULTRUSION

PRODUCT	TYPE	DESCRIPTION
FS 0800/P	Orthophthalic	Orthophthalic; medium-high viscosity, very high mechanical and thermal properties
IS 4240/P	Isophthalic	Isophthalic; medium-high viscosity, very high mechanical and thermal properties, chemical resistance
IS 0976/P	Iso-neo	Iso-neo; medium-high viscosity, very high mechanical and thermal properties, chemical resistance
VE 45M90	Vinylester	Vinylester; excellent chemical resistance, drinking water approved
FS 0840	Orthophthalic	Orthophthalic; medium-high viscosity, very high mechanical and thermal properties

## **MOULDING RESIN**

<b>PRODUCT</b>	<b>TYPE</b>	<b>DESCRIPTION</b>
FS 0940/RD	Orthophthalic	Orthophthalic; excellent wetting properties; internal release agent; injection/RTM
FS 0956/AM40	Orthophthalic	Orthophthalic; excellent wetting properties; superior surface; injection/RTM
FSN 0850/AR	Orthophthalic	Orthophthalic; superior wetting properties, nautical applications; infusion/vacuum moulding, Lloyd's approved
VE 14M110/A	Vinylester	Vinylester; excellent chemical and thermal resistance; infusion/vacuum moulding, Lloyd's approved
VE 12M115/AR	Vinylester	Vinylester; low styrene content; excellent chemical and thermal resistance; infusion/vacuum moulding, Lloyd's approved
VE 12M115/ARM	Vinylester	Vinylester; low styrene content; excellent chemical and thermal resistance; infusion/vacuum moulding, Lloyd's approved
ISN 0841/AR	Isophthalic	Orthophthalic; superior wetting properties, nautical applications; infusion/vacuum moulding, Lloyd's approved
LSC 0850/AM	Hybrid	Hybrid resin; good wetting properties; injection, Lloyd's approved
LSC 0850/AR	Hybrid	Hybrid resin; good wetting properties; injection/vacuum moulding, Lloyd's approved
VE 45M90/AR	Vinylester	Vinylester; excellent chemical and thermal resistance; infusion, Lloyd's approved
FSN 0994/AR	Orthophthalic	Orthophthalic; good wetting properties, nautical applications; infusion/vacuum moulding, Lloyd's approved

## **GELCOAT**

<b>PRODUCT</b>	<b>TYPE</b>	<b>DESCRIPTION</b>
FSG 0827	Orthophthalic	Orthophthalic; high mechanical properties
FSG 0820/X	Orthophthalic	Orthophthalic; superior brightness
FSG 0765	Ortho-neo	Ortho-neo; high chemical and UV resistance
FSG 0819	Orthophthalic	Orthophthalic flexibilizer; blending grade
FSG 0583	Adipate	Saturated resin for pigment paste
FSG 0885	Adipate	Unsaturated resin for pigment paste
ISG 0818/L	Isophthalic	Isophthalic; high mechanical and thermal properties
ISG 0821	Isophthalic	Isophthalic; high mechanical properties
ISG 0839	Iso-neo	Iso-neo; high mechanical and termal properties, superior UV resistance
CD4	Aliphatic	Aliphatic; excellent mechanical and thermal resistance, excellent UV resistance
ISN 0841/C	Isophthalic	Isophthalic; superior wetting, high mechanical properties

## **CASTING**

<b>PRODUCT</b>	<b>TYPE</b>	<b>DESCRIPTION</b>
FS 9900	Orthophthalic	Orthophthalic; high transparency; clear and filled casting; encapsulation
FS 0993/M	Orthophthalic	Orthophthalic; artificial marble
FS 0948	Orthophthalic	Orthophthalic; high wetting properties; sanitary castings
FS 4424	Orthophthalic	Orthophthalic; abrasive chips
EC 0768/D	Ortho-neo	Ortho-neo with LSE; superior UV resistance, internal release agent; polymer concrete
ISG 0839/MMA	Iso-neo	Iso-neo; high mechanical properties, superior UV resistance; solid surface, onyx
FSG 0754/A	Ortho-neo	Ortho-neo with LSE; superior UV resistance, high mechancl properties, solid surface
FS 0995/ML	Orthophthalic	Orthophthalic; UV stabilized, polymer concrete

## **CONTINUOUS LAMINATES**

<b>PRODUCT</b>	<b>TYPE</b>	<b>DESCRIPTION</b>
<b>FS 0912</b>	Orthophthalic	Orthophthalic; high wetting properties, high thermal resistance
<b>FS 0924</b>	Ortho-neo	Ortho-neo; high wetting properties, high thermal resistance
<b>FS 0908/BR</b>	Orthophthalic	Orthophthalic; good wetting properties, high thermal resistance
<b>FS 0908/B</b>	Orthophthalic	Orthophthalic; good wetting properties, high thermal resistance, truck panels
<b>FS 0831</b>	Orthophthalic	Orthophthalic; superior wetting properties, good mechanical resistance, truck panels
<b>FS 0910/B</b>	Orthophthalic	Orthophthalic; high wetting properties, good surface properties