

Technical data	Preconstraint® 502-8104S Translucent	Preconstraint® 502-8103S Opaque	Preconstraint® 702-8104S Translucent	Preconstraint® 702-8103S Opaque	Preconstraint® 702-ALU Opaque	Standards	
Yarns	PES HT 1100 Dtex "CR"	PES HT 1100 Dtex	PES HT 1100 Dtex "CR"	PES HT 1100 Dtex	PES HT 1100 Dtex	TERSUISSE G	
Total mass	590 g/sqm	670 g/sqm	750 g/sqm	830 g/sqm	830 g/sqm	EN ISO 2286-2	
Width	250/270 cm	250/270 cm	270 cm	270 cm	270 cm		
Strip tensile strength (warp/weft)	280/280 daN/5 cm	280/280 daN/5 cm	280/280 daN/5 cm	280/280 daN/5 cm	280/280 daN/5 cm	EN ISO 1421	
Tongue tear strength (warp/weft)	28/28 daN	28/28 daN	30/28 daN	30/28 daN	30/28 daN	DIN 53.363	
Adhesion	10 daN/5 cm	10 daN/5 cm	10 daN/5 cm	10 daN/5 cm	10 daN/5 cm	EN ISO 2411	
Flame retardancy	NFP 92-507 M2 NFPA 701 Test 1 CSFM T19 UBC 31-1 ASTM E84-03 DIN 4102-1 B1 BS 7837 AS/NZS 3837 Group 1 SP METHOD 2205 LP7 UNE 23.727 M2 SN 198898 VKF 5.3 1530.3/AS/NZS - Classe 2/UNI 8456	NFP 92-507 M2 CSFM T19 DIN 4102-1 B1	NFP 92-507 M2 NFPA 701 Test 2 CSFM T19 ASTM E84-03 DIN 4102-1 B1 BS 7837 AS/NZS 3837 Group 1 AS/NZS 1530.3 SIS 650082 SITAC / SINTEF / ETA ONORM B 3800-1 B1 LP7 UNE 23.727 M2 SN 198898 VKF 5.2	NFP 92-507 M2 NFPA 701 Test 2 CSFM T19 DIN 4102-1 B1 BS 7837 AS/NZS 3837 Group 2 AS/NZS 1530.3 ONORM B 3800-1 B1 UNE 23.727 M2 SN 198898 VKF 5.2 SITAC/SIS 650082 - Classe 2/UNI 8456	NFP 92-507 M2 NFPA 701 Test 2 CSFM T19 DIN 4102-1 B1 BS 7837 AS/NZS 3837 Group 2 AS/NZS 1530.3 ONORM B 3800-1 B1 UNE 23.727 M2 SN 198898 VKF 5.2 SITAC/SIS 650082 - Classe 2/UNI 8456		
Surface treatment	FORMULA S weldable fluorinated varnish	FORMULA S weldable fluorinated varnish	FORMULA S weldable fluorinated varnish	FORMULA S weldable fluorinated varnish	BIFACE Acrylic varnish		

The technical data here above are average values with a +/- 5% tolerance.

Slight variations in shade can occur from one production batch to the next. We always recommend that you use material from the same production batch for your project.

Additional informations	Preconstraint® 502-8104S	Preconstraint® 502-8103S	Preconstraint® 702-8104S	Preconstraint® 702-8103S	Preconstraint® 702-ALU	Standards
Thickness of the coating at the top of the yarns	160 µm	200 µm	240 µm	220 µm	220 µm	
Total thickness	0.48 mm	0.53 mm	0.58 mm	0.64 mm	0.64 mm	
Light transmission	19%	-	13,5%	-	-	NFP 38.511 "diffus./diffus." transmission close to the perception of the human eye
White index	80 %	80 %	80 %	80 %	-	WI (CIE: International Lighting Commission)
UV transmission	T-UV 0%	T-UV 0%	T-UV 0%	T-UV 0%	T-UV 0%	
Acoustic of weakening index (+/- 1)	14 dBA	14 dBA	14 dBA	14 dBA	14 dBA	ISO 717
Maximum handling temperatures	-30°C/+70°C	-30°C/+70°C	-30°C/+70°C	-30°C/+70°C	-30°C/+70°C	
Guarantee	5 years	5 years	7 years	7 years	5 years	See Ferrari Preconstraint® guarantee
Quality management according to	ISO 9001	ISO 9001	ISO 9001	ISO 9001	ISO 9001	

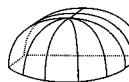
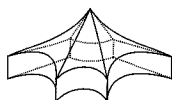
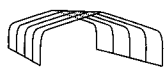
## APPLICATIONS

### Mobile structures:

- Industry: storage solutions • renovation work • distribution centres • supermarkets • temporary offices • restaurants, club-houses, showrooms • temporary humanitarian-aid constructions
- Events: exhibitions • receptions • culture • sport

**Tents:** receptions • holidays & leisure • renovation work • institutions & charity organisations • promotions • military applications

**Speciality:** inflatable structures



**PRECONSTRAINT®**  
502S & 702S

**FERRARI**

## TECHNICAL DEPARTMENT

Ferrari®'s prescription department is on hand to provide any extra information, offer advice, or to propose specific solutions to meet precise specifications. Thanks to its Research & Development department and its wealth of experience, Ferrari® can propose innovative solutions for all your customized applications.

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