



VALMEX® FR 580 premium

HIGH-VALUE TECHNICAL TEXTILE
FOR LIGHT-WEIGHT STRUCTURES

Achtung!
Aufgrund der Reproduktion ist die Farbdarstellung nicht verbindlich
und kann je nach Browser und Bildschirm vom Original abweichen.

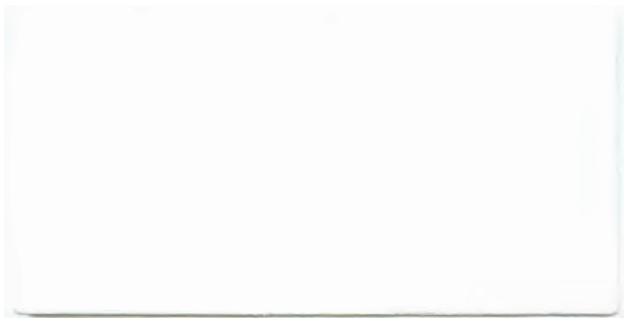
Attention!
By reason of reproduction colour display is not binding
and can differ to original due to browser and monitor.

VALMEX® FR 580 premium was developed to offer architects, engineers and fabricators a lightweight alternative to our well-known architectural membranes. It is particularly suitable for small structures such as patio canopies or sunscreens. The material is particularly durable thanks to low-wick polyester yarn and PVDF top finish.

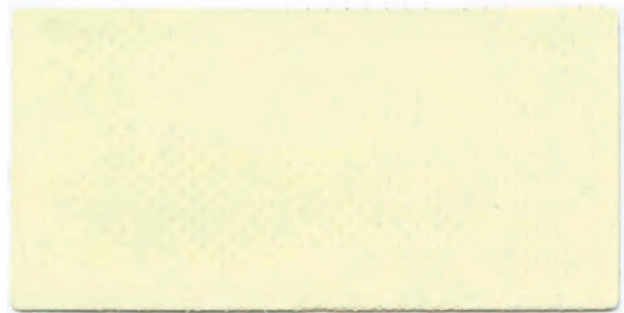
For our **VALMEX® lodge de luxe FR** product line, we have combined this high-quality membrane with a fine embossing. This gives the material an elegant and modern look. By using sophisticated cream and brown tones, we get a noble product that is particularly suitable for lodges, glamping and pergolas. Check out our new **VALMEX® lodge de luxe FR** brochure.



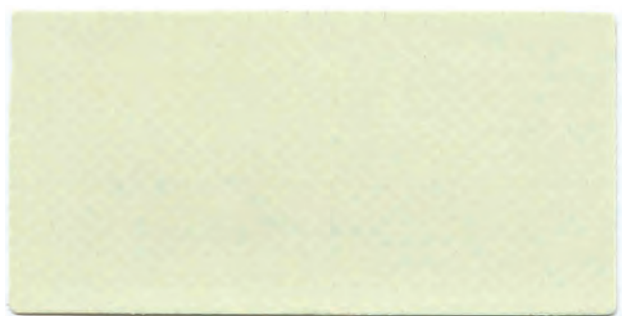
VALMEX® lodge de luxe FR



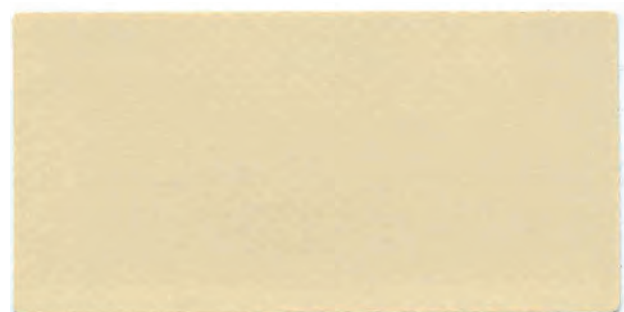
958* bright white



112* nature



141* pearl white RAL 1013



126 dune



842 beige



114 brilliant yellow



356 turkish red



371 burgund red



517 light blue



572 blue



636 dutch green



679 moss green



724 bright grey



788 dust grey, only on request



906 anthracite, only on request



905 black

- * low-wick, light colors only
- * low-wick, nur in hellen Farben
- * supporto low-wick solo nei colori chiari
- * Low-wick, seulement dans les couleurs vives
- * low-wick únicamente en colores claros
- * LOW-WICK, только в светлых цветах

VALMEX® FR 580 premium 7219 5244 / 7044*

Beschichtung Coating, Spalmatura, Enduction, Покрытие		PVC ПВХ
Ausrüstung Finish Finissaggio Finition Обработка		außen PVDF Lack, Rückseite mit Acryllack, antimikrobiell, UV-geschützt PVDF-lacquer on top side, inner side Acrylic, antimicrobial, UV-protected Laccatura PVDF sul diritto, Laccatura acrilica sul rovescio, antimicrobica, Protetto contro i raggi UV Vernis PVDF face endroit, Vernis acrylique face envers, antimicrobienne, Protégé contre les rayons UV PVDF лак на лицевой стороне, Обратная сторона лак Acryl, антимикробные, УФ-защита
Bennverhalten Flame retardancy Comportamento alla fiamma réaction au feu Возгораемость		D.M. 26.06.84 (UNI 9177): CL. 1 California T19, CPAI 84, BS 7837 ASTM E84 Class A, DIN 4102: B1 NFPA 701 Test 2, NFP 92507: M2 AS 1530 part 2, AS 1530 part 3 EN 13501-1: B-s1-d0
Gesamtgewicht Total weight Peso totale Poids total Общий вес		580 g/m² EN ISO 2286-2 17.1 oz./sq.yd. ASTM D-751.10
Reißkraft Tensile strength Resistenza alla trazione Résistance rupture Прочность на растяжение	Kette/Schuss warp/weft Ordito/Trama chaîne/trame основа/уток	2700 / 2900 N/5 cm DIN EN ISO 1421/V1 270 / 250 lbs. / in. ASTM D-751 Procedure B
Weiterreißfestigkeit Tear strength Resistenza alla lacerazione Résistance déchirure Прочность на разрыв	Kette/Schuss warp/weft Ordito/Trama chaîne/trame основа/уток	300 / 300 N DIN 53363 70 / 30 lbs. ASTM D-751 (8" x 10") Specimen
Haftfestigkeit Adhesion Adesione Adhérence Адгезия		20 N/cm PA 09.03 (intern) 11 lbs. / in. ASTM D-751 RF Weld
Temperaturbeständigkeit Temperature resistance Resistenza alla temperatura Températures maximum d'utilisation Температурный режим		-40 °C / +70 °C DIN EN 1876-1 -40 °F / 158 °F ASTM D-2136 / PA 07.04 (intern)
Lichtechtheit Light fastness, Solidità alla luce, Tenue du coloris à la lumière Цветоустойчивость		>6 DIN EN ISO 105 B02 ISO 105 B02
Knickfestigkeit Crack resistance Resistenza alla piegatura Résistance aux plis Прочность на изгиб без разрыва		100.000 DIN 53359 A Keine Risse No cracks Nessuna piega Pas de rupture без разрывов
Trägermaterial Base fabric, Tessuto di supporto Tissu, Основа		100 % PES DIN ISO 2076
Breite Width, Larghezza, Laize, ширина		250 cm

- * low-wick, light colors only
- * low-wick, nur in hellen Farben
- * supporto low-wick solo nei colori chiari
- * Low-wick, seulement dans les couleurs vives
- * low-wick únicamente en colores claros
- * LOW-WICK, только в светлых цветах

Bei den angegebenen technischen Daten handelt es sich um Durchschnittswerte. Geringfügige Farbschwankungen vorbehalten. RAL-Farben in Anlehnung. Stets Gültigkeit der FR-Zulassung prüfen. Alle Mehler Technologies-Produkte entsprechen der EU-Verordnung REACH (Registration, Evaluation, Authorisation of Chemicals). Die Herstellung unserer technischen Textilien ist nach DIN 9001 und DIN 50001 für Energiemanagement zertifiziert. Weitere Varianten auf Anfrage, Programmänderungen vorbehalten.

The indicated technical specifications are average values. Colours are subject to slight variations. References made to RAL are indications only. Always check the validity of fire certificate. All Mehler Technologies products are in accordance with the European **REACH** directive (Registration, Evaluation and Authorisation of Chemicals). Manufactured in Germany under the internationally recognized standard of quality **DIN 9001** and **DIN 50001** for energy management. Other versions upon request, program changes reserved.

Les données techniques indiquées sont des valeurs moyennes. Sous réserve de légers changements de coloris. Coloris approchant RAL. Veuillez toujours vérifier la validité des certificats anti-feu. Tous les produits Mehler Technologies sont conformes à la réglementation Européenne **REACH** – enregistrement, évaluation et autorisation des substances chimiques. La production de nos articles est certifiée selon les normes **DIN 9001** et **DIN 50001** pour la gestion de l'énergie. Autres versions sur demande, sous réserve de modifications de la gamme.

I dati tecnici sono la risultanza di valori medi di produzione. Sono possibili leggere variazioni di colore. I colori sono prodotti in rispondenza alla scala RAL. Verificare sempre la validità delle certificazioni. Tutti i prodotti Mehler Technologies rispondono alla normativa **REACH** (Registration, Evaluation and Authorisation of Chemicals). La produzione dei nostri articoli è certificata secondo le norme **DIN 9001** e **DIN 50001** per la gestione della prestazione energetica. Su richiesta, si possono produrre altre versioni. Modifiche della gamma sempre possibili.

Características técnicas indicadas en valores medios. Sujetas a pequeñas alteraciones del color. Referencias al RAL son solo indicativas. Siempre verificar la validez del certificado de ignición. Todos los productos de Mehler Technologies cumplen la normativa **REACH** (Registration, Evaluation and Authorisation of Chemicals [Registro, Evaluación y Autorización de Sustancias Químicas]). La fabricación de nuestros productos está certificada según la **DIN 9001** y la **DIN 50001** (para la gestión energética) Otras variantes bajo consulta. Posibles modificaciones sin previo aviso.

Все указанные технические данные базируются на основе выявленных средних показателей. Цвета приближены к RAL. Незначительные цветовые отклонения возможны. Все продукты Mehler Technologies соответствуют ЕС директиве «**REACH**» (Registration, Evaluation and Authorisation of Chemicals). Проверяйте срок действия сертификата пожарной безопасности. Производство нашей продукции сертифицировано в соответствии с **DIN 9001** и **DIN 50001** для управления энергопотреблением. Другие варианты по запросу. Возможны изменения в программе.





Sales companies and Sales offices

France / Low & Bonar Lyon S.A.R.L.
Bât. A1, 3 chemin des Cytises
F-69340 Francheville
info-fr@mehler-technologies.com

U.K. / Low & Bonar Oldham Ltd.
Hollinwood Business Centre
Albert Street, Oldham,
Lancs. OL8 3QL
info-uk@mehler-technologies.com

Italy / Low & Bonar Italy S.r.l.
Via Enrico Fermi 52/A
I-20019 Settimo Milanese MI
info-it@mehler-technologies.com

Poland / Low & Bonar Poland Sp. z o.o.
ul. Mikołajczyka 31a
PL-41-200 Sosnowiec
info-pl@mehler-technologies.com

Latvia / SIA „Low & Bonar Latvia“
Krustpils iela 54 E
Rīga, LV-1057
info-lv@mehler-technologies.com

Romania / Low & Bonar Romania S.R.L.
Str. Linia de Centura Nr.2, D2
RO-077175 Stefanesti de Jos
(Judetul Ilfov)
info-ro@mehler-technologies.com

**Turkey / Low and Bonar Turkey
Teknik Tekstil Ticaret Limited Sirketi**
Başakşehir San. Sit.
A Blok No: 22, Başakşehir
TR- Istanbul
info-tr@mehler-technologies.com

U.S.A / Low & Bonar Martinsville Inc.
220 B Cabell Street
Martinsville, VA 24112
info-usa@mehler-technologies.com

**United Arab Emirates /
Low & Bonar Middle East Trading LLC**
Al Mulla Warehouse Unit No. C-12
Plot 242-169, St. #5, Doha Road,
Al Qusais, Industrial 1, P.O. Box 293634
Dubai- UAE
info-uae@mehler-technologies.com

**India /
Low & Bonar India Pvt. Ltd.**
924, 9th Floor, Wave Silver Tower, Sector 18,
Noida 201 301, UP, India
info-in@mehler-technologies.com

**Malaysia /
Low & Bonar South East Asia Rep office**
Co-Labs
Level 4, The Starling Mall
No. 6, Jln SS 21/37, Damansara Utama
47400 Petaling Jaya
Selangor, Malaysia
info-mys@mehler-technologies.com

Russia / Low & Bonar Rus OOO
Sadovnicheskaya embankment 79
115035 Moscow
info-ru@mehler-technologies.com

Australia / Indtex Australia Pty Ltd.
info-aus@mehler-technologies.com

China / Eusource International
Guangzhou Office
R.806 Goayage, Tianyu Garden
152 Linhe Zhong Road
Guangzhou 510610
info-chn@mehler-technologies.com

Manufacturing and sales

Low & Bonar GmbH
Rheinstrasse 11
D-41836 Hückelhoven
info-de@mehler-technologies.com

Low & Bonar GmbH
Edelzeller Strasse 44
D-36043 Fulda
info-de@mehler-technologies.com

Low & Bonar Czech s.r.o.
Šlechtova 860
CZ-512 51 Lomnice nad Popelkou
info-cz@mehler-technologies.com