SATTLER
thinking highTEX

LUMERA SOLIDS



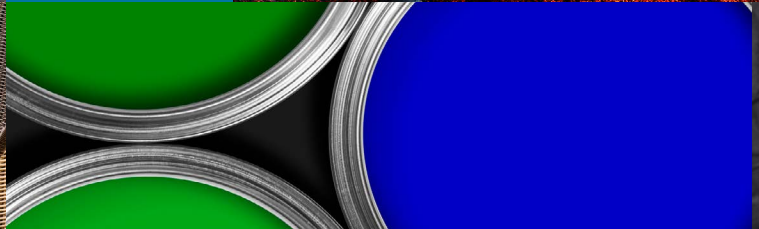














LUMERA **SOLIDS**

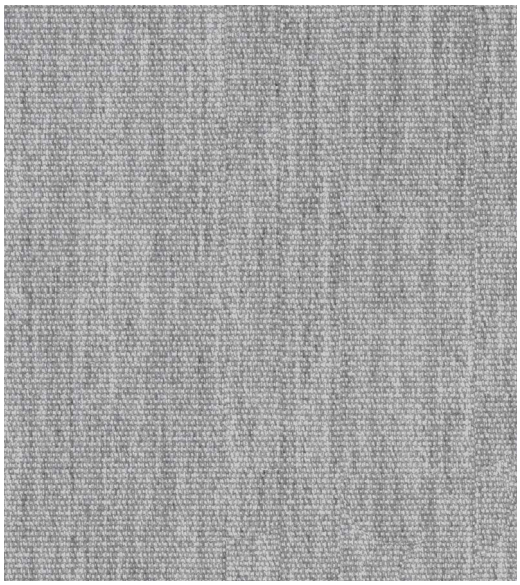
Ein hauchdünnes Finish mit der intelligenten Beschichtung **IPC** macht **LUMERA ALL WEATHER** wasserdicht – die Geschmeidigkeit des Gewebes bleibt dennoch erhalten. Welche Stoffe auch als **LUMERA ALL WEATHER** erhältlich sind erkennen Sie an diesem Zeichen.

A wafer-thin finish with the intelligent **IPC** coating makes **LUMERA ALL WEATHER** waterproof - the suppleness of the fabric is still retained. You can recognize which fabrics are also available as **LUMERA ALL WEATHER** by this symbol.

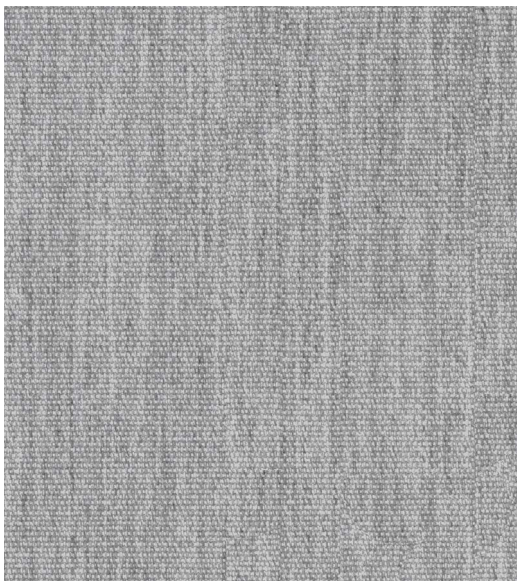
Une finition ultra fine avec le revêtement **IPC** intelligent rend le **LUMERA ALL WEATHER** imperméable - la souplesse du tissu est toujours conservée. Vous pouvez reconnaître les tissus également disponibles en tant que **LUMERA ALL WEATHER** grâce à ce symbole.

Een flinterdunne afwerking met de intelligente **IPC** -coating maakt **LUMERA ALL WEATHER** waterdicht - de soepelheid van de stof blijft behouden. Aan dit symbool herkent u welke stoffen ook als **LUMERA ALL WEATHER** verkrijgbaar zijn.

Una finitura ultra fine con il rivestimento **IPC** intelligente rende **LUMERA ALL WEATHER** impermeabile - la flessibilità del tessuto viene sempre mantenuta. Puoi riconoscere i tessuti disponibili anche come **LUMERA ALL WEATHER** da questo simbolo.

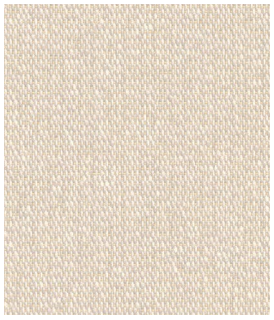


LUMERA **338 028**
ACTINOLITE



LUMERA ALL WEATHER **386 028**
ACTINOLITE

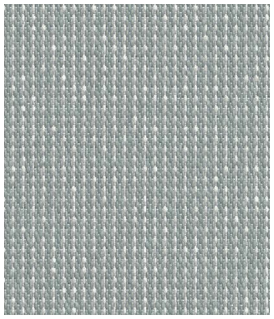
TEXTURE



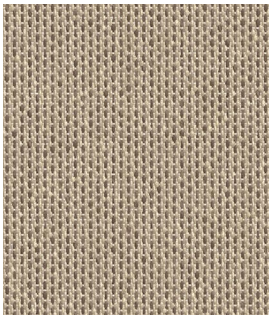
338 711
MAGNESITE



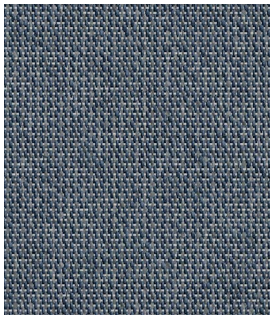
338 144
ALABASTER



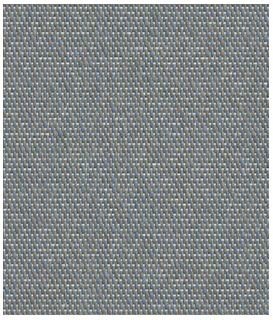
338 136
HEMATITE



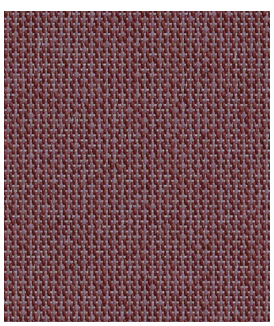
338 712
BARITE



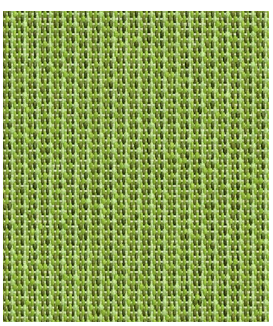
338 058
MAGNETITE



338 812
CALCITE

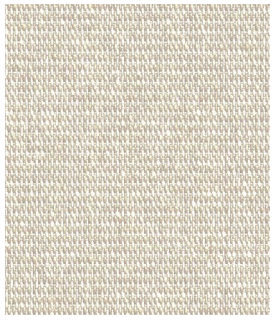


338 048
RUBELLITE

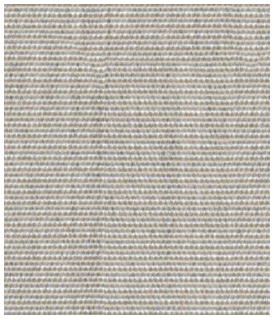


338 609
NEPHRITE

LINE



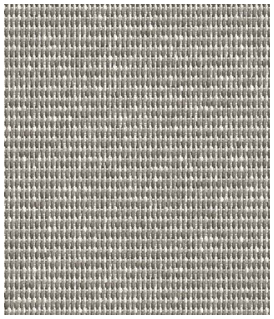
338 710
ALUNIT



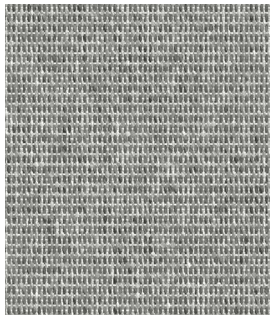
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MUSCOVITE



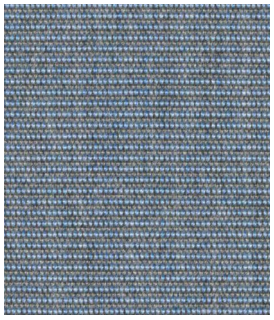
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CHALCEDON



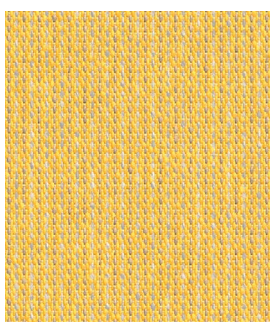
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GALENITE



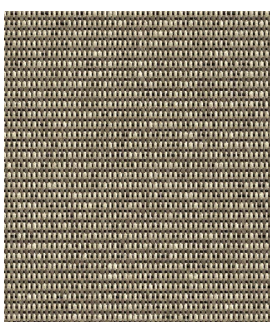
338 081
ACANTHITE



338 085
NEPTUNITE



338 027
LIMONITE

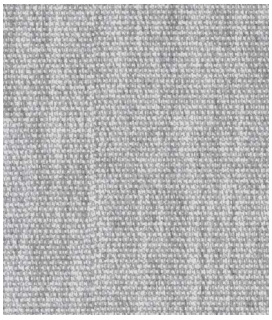


338 713
BRONZIT

MELE

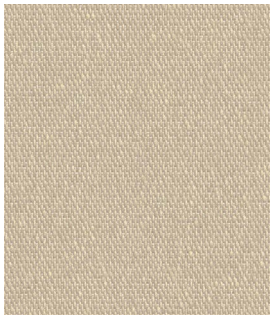


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MOONSTONE

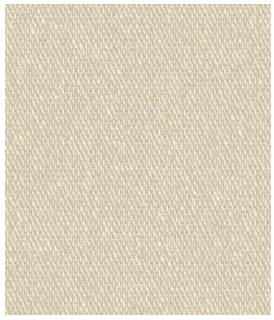


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PLATINUM

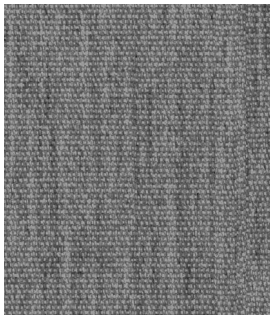
PLAIN



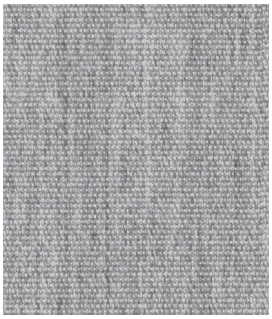
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DOLOMIT



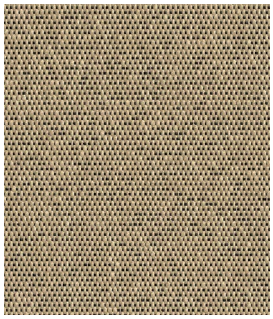
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KAOLINITE



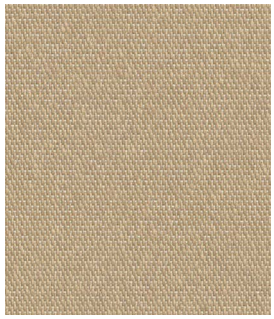
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METEOR



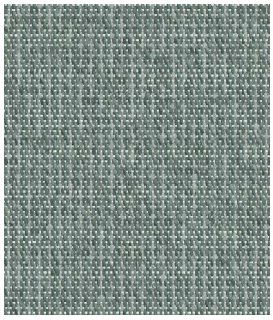
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ACTINOLITE



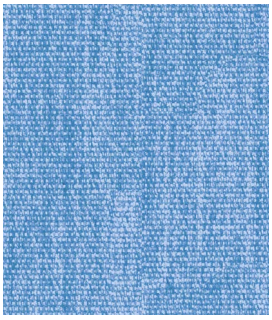
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SIDERITE



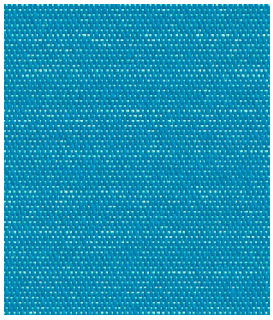
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BRASILIANTE



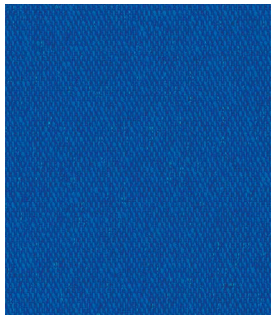
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MARIPOSITE



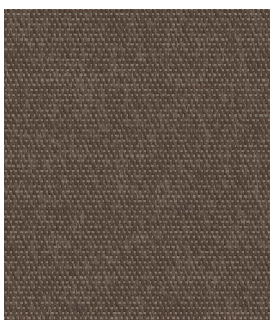
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CELESTINE



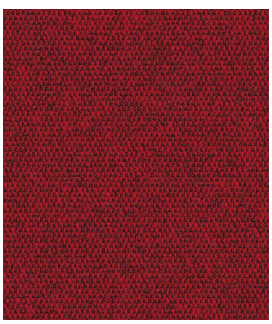
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AQUAMARINE



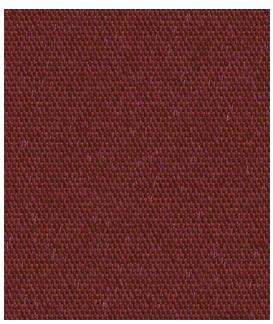
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SAPPHIRE



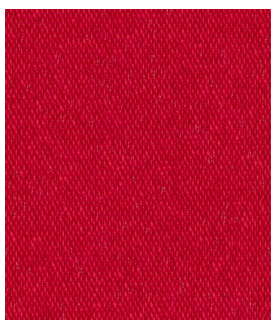
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FLINT



338 044
CINNABAR

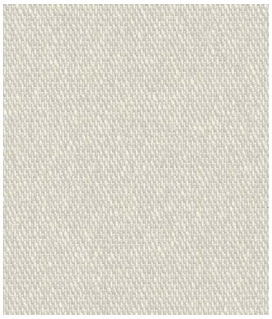


338 406
GRANAT

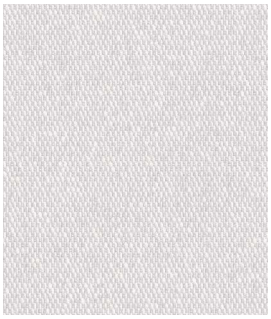


338 001
RUBY

338 033
ARAGONIT



338 808
BERYL

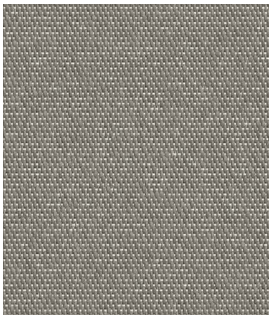


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SELENITE

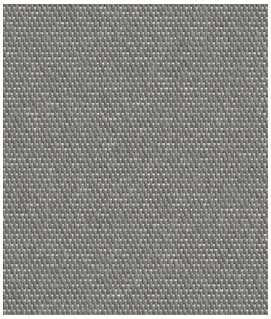
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CRYSTAL



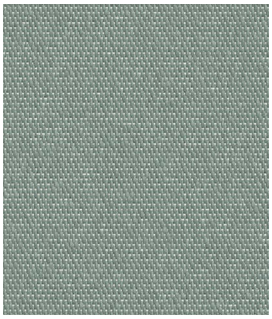
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KAINITE



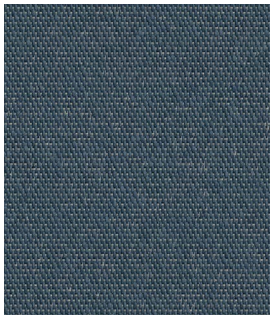
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SILVER



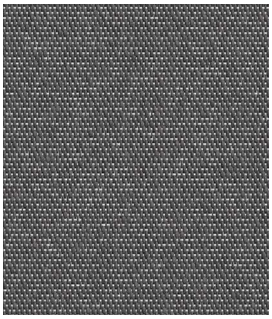
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APATITE



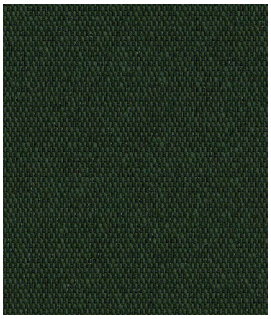
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JADEITE



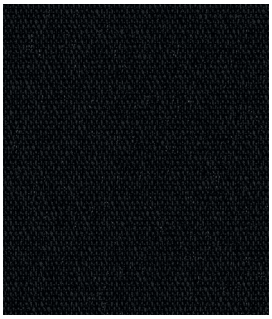
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GNEISS



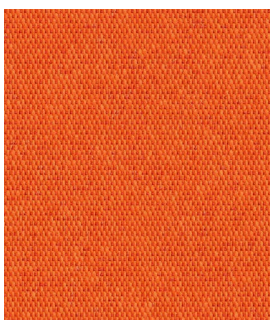
338 398
SLATE



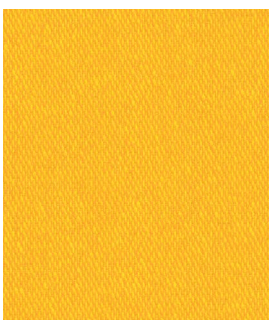
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SERPENTINE



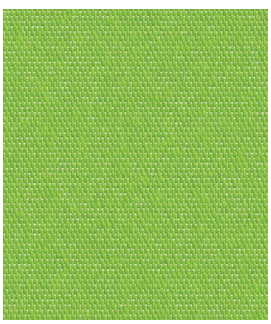
338 154
ONYX



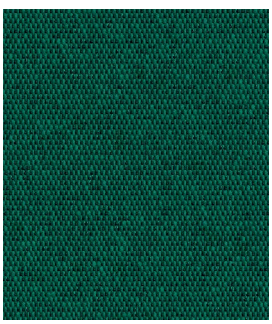
338 306
TIGEREYE



338 003
SULPHUR



338 089
PERIDOT



338 362
EMERALD

		T_v %	T_s %	R_s %	A_s %	g_{tot} % *	0-4
338 001	386 001	0,7	13,7	43,2	43,1	0,12	3
338 003	386 003	13,1	17,7	51,1	31,2	0,14	3
338 011	-	0,0	5,4	24,6	70,0	0,06	4
338 018	-	20,0	21,7	57,1	21,2	0,15	2
338 020	386 020	9,2	17,9	51,7	30,4	0,14	3
338 027	-	10,8	14,5	46,0	39,5	0,12	3
338 028	386 028	4,6	4,7	31,6	63,7	0,05	4
338 033	386 033	24,9	23,3	61,4	15,3	0,18	2
338 040	-	3,1	6,3	34,4	59,3	0,07	4
338 044	386 044	0,0	0,4	14,8	84,8	0,05	4
338 048	-	0,3	3,8	24,4	71,8	0,06	4
338 053	-	5,9	14,5	46,6	38,9	0,12	3
338 054	-	1,3	10,6	32,1	57,3	0,10	3
338 055	386 055	0,0	0,2	10,8	89,0	0,05	4
338 058	-	0,3	0,6	13,3	86,1	0,05	4
338 062	386 062	1,4	12,4	39,9	47,7	0,11	3
338 068	386 068	0,0	0,0	5,5	94,5	0,05	4
338 070	-	16,7	21,8	54,4	23,8	0,16	2
338 071	-	0,4	0,9	16,5	82,6	0,05	4
338 072	-	6,1	10,4	41,9	47,7	0,09	4
338 078	-	8,6	11,0	43,0	46,0	0,10	3
338 079	-	1,1	2,4	26,2	71,4	0,05	4
338 081	386 081	5,0	5,2	28,7	66,1	0,07	4
338 082	-	12,6	12,9	43,0	44,1	0,11	3

Lichttechnische Parameter nach DIN EN 14501
Lighting technical parameters DIN EN 14501
Paramètres de confort visuel et thermique selon DIN EN 14501
Lichttechnische parameter volgens DIN EN 14501
Parámetros técnicos lumínicos conforme a la norma alemana DIN EN 14501

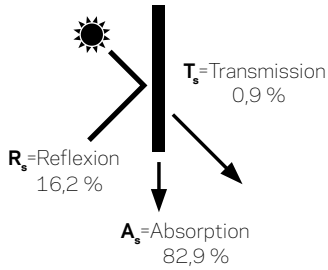
T_v = Lichttransmissionsgrad
Light transmission
Degré de transmission de lumière
Lichttransmissiewaarde
Grado di trasmissione della luce

T_s = Strahlungstransmissionsgrad
Solar transmittance
Degré de transmission des rayons
Stralingstransmissiewaarde
Grado di trasmissione raggi

R_s = Strahlungsreflexionsgrad
Solar reflectance
Degré de réflexion des rayons
Stralingsreflectiewaarde
Grado di riflessione della radiazione

A_s = Strahlungsabsorptionsgrad
Solar absorptance
Degré d'absorption des rayons
Stralingsabsorptiewaarde
Grado di assorbimento della radiazione

100 % Lichteinfall/Sonnenenergie
100 % Light incidence/Solar energy
100 % Incidence de la lumière/Energie solaire
100 % Lichtinval/Zonne-energie
100 % Incidenza della luce /Energia solare



$T_s + R_s + A_s = 100$ %

338 084

		T_v %	T_s %	R_s %	A_s %	g_{tot} % *	0-4
338 084	386 084	0,8	0,9	16,2	82,9	0,05	4
338 085	-	1,0	2,2	21,2	76,6	0,05	4
338 086	386 086	1,6	2,7	23,0	74,3	0,06	4
338 087	-	12,5	14,0	45,2	40,8	0,11	3
338 089	-	2,9	9,1	36,3	54,6	0,08	4
338 136	386 136	5,6	12,1	38,4	49,5	0,10	3
338 144	386 144	20,3	21,3	56,9	21,8	0,16	2
338 154	386 154	0,0	0,0	2,4	97,6	0,03	4
338 306	-	3,5	17,1	45,6	37,3	0,14	3
338 362	386 362	0,0	0,1	7,5	92,4	0,03	4
338 398	386 398	0,2	0,5	14,0	85,5	0,03	4
338 406	-	0,0	1,4	17,2	81,4	0,03	4
338 609	-	2,6	8,5	33,8	57,7	0,08	4
338 710	-	16,2	21,2	59,0	19,8	0,16	2
338 711	-	15,0	16,6	55,4	28,0	0,13	3
338 712	-	5,2	11,9	43,4	44,7	0,10	3
338 713	386 713	1,5	4,1	25,9	70,0	0,05	4
338 808	-	12,3	14,0	50,8	35,2	0,11	3
338 809	-	2,8	4,3	31,8	63,9	0,05	4
338 810	-	1,3	2,4	23,7	73,9	0,04	4
338 811	-	7,0	8,7	42,4	48,9	0,08	4
338 812	-	0,6	9,9	37,3	52,8	0,09	4
338 813	386 813	6,1	8,3	41,0	50,7	0,07	4
338 910	386 910	26,4	27,7	65,0	7,3	0,21	2

* Einsatz im Senkrecht-Bereich: Berechnung g_{tot} nach DIN EN 13 363-2 Zweifachglas mit Wärmeschutz U = 1,2 | g = 0,59 (Referenzglas C nach DIN EN 14501 im Außeneinsatz)

* Vertical use: g_{tot} calculation according to DIN EN 13 363-2 double glazed with heat protection U = 1.2 | g = 0.59 (reference glass C according to DIN EN 14501 for outdoor use)

* Application pour les stores verticaux : Calcul du g_{tot} selon DIN EN 13 363-2 protection thermique à double vitrage U = 1,2 | g = 0,59 (vitre de référence C selon DIN EN 14501 pour un usage en extérieur)

* Verticaal gebruik: gtot berekening volgens DIN EN 13 363-2 dubbele beglazing met warmtebescherming U = 1,2 | g = 0,59 (referentie glas C , volgens DIN EN 14501 voor buitengebruik)

* Utilizzo nel campo verticale: Calcolo g_{tot} secondo la norma DIN EN 13 363-2 protezione termica a doppia vetratura U = 1,2 | g = 0,59 (vetro di riferimento C secondo la norma DIN EN 14501 nell'utilizzo per esterni)

0-4

Sommerlicher Wärmeschutz: 0 = sehr gering bis 4 = sehr hoch

Summer warming protection: 0 = very low to 4 = very high

Protection thermique estivale: 0 = très faible à 4 = très élevée

Zomerwarmte bescherming: 0 = zeer laag tot 4 = zeer hoog

Protezione termica estiva: 0 = molto bassa a 4 = molto elevata

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FACTS

Anwendungen / Applications / Applications / Toepassingen / Applicazione		
Qualität / Quality / Qualité / Kwaliteit / Qualità	**338 LUMERA**	**386 LUMERA ALL WEATHER**
DIN 60 001	100 % PAN/CBA	100 % PAN/CBA
DIN EN 12127	290 g/m²	340 g/m²
EN ISO 4920	Note: 100	Note: 100
DIN EN ISO 811	460 mm	> 1000 mm
DIN ISO 9354	L 1/1	L 1/1
DIN EN ISO 13934-1	160 daN/5 cm	150 daN/5 cm
DIN EN ISO 13934-1	110 daN/5 cm	100 daN/5 cm
DIN EN ISO 105-B04	min. 7/8 ** min. 4-5/5 **	min. 7/8 ** min. 4-5/5 **
	120 cm	120 cm
DIN EN ISO 105-B02	min. 7/8 **	min. 7/8 **
EN 13561	Konformitätserklärung / Declaration of conformity / Déclaration de conformité / Conformiteitsverklaring / Dichiarazione di conformità	

* Nur für Qualität 338 / For quality 338 only / Pour la qualité 338 uniquement / Alleen voor kwaliteit 338 / Solo per qualità 338

** Weiß auf Anfrage / White on request / Blanc sur demande / Wit op aanvraag / Bianco su richiesta

Preiskategorie / Price category / Catégorie de prix / Prijs categorie / Categoría de precios

Geänderte Beschriftung / Changed Labeling / Étiquetage modifié / Veranderde etikettering / Etichettatura modificata:

UV PROTECT 40 + UV PROTECT 60 + UV PROTECT 80 = UV PROTECT CERTIFIED min. 97,5%

Keiner unserer Stoffe lässt mehr als 2,5 % der UVA- und UVB-Strahlen durch das Gewebe.

None of our fabrics let more than 2.5 % of UVA and UVB rays through the fabric.

Aucun de nos tissus ne laisse passer plus de 2,5 % des rayons UVA et UVB à travers le tissu.

Geen van onze stoffen laat meer dan 2,5 % van de UVA- en UVB-stralen door de stof.

Nessuno dei nostri tessuti lascia passare più del 2,5 % dei raggi UVA e UVB.

REINIGUNG & PFLEGE
Cleaning & Care
Nettoyage & Entretien
Reiniging & Verzorging
Pulizia & Cura

ZEICHENERKLÄRUNG
Explanation of symbols
Explication des symboles
Verklaring van symbolen
Spiegazione dei simboli

Hinweis: Änderungen die dem technischen Fortschritt dienen, behalten wir uns vor. Werte ohne Toleranzangaben sind Nennwerte mit einer Toleranz von ±5%. Die Angaben entsprechen unserem heutigen Kenntnisstand und sollen ohne Rechtsverbindlichkeit informieren.• Note: Subject to change in view of technical upgrades. Values indicated without tolerance levels are nominal values with a tolerance range of ±5%. All data presented here is given to the best of our current knowledge for guidance purposes and is not legally binding. • Remarque: Sous réserve de toute modification dans le cadre d´améliorations techniques. Les valeurs mentionnées sans tolérance sont des valeurs nominales avec une tolérance de ±5%. Les indications correspondent à notre savoir actuel et sont données à titre informatif sans obligation juridique. • Toevoeging: veranderingen voorbehouden ten behoeve van technische upgrade. Waarden zonder tolerantieaanduiding zijn nominale waarden met een tolerantie van ± 5 %. Alle genoemde data komen overeen met onze huidige kennisstand en zijn informatief, echter juridisch niet bindend.• Avvertenza: Il produttore si riserva di apportare modifiche per il miglioramento tecnico del prodotto. I valori privi di tolleranza sono da intendersi come valori nominali con una tolleranza di ±5%. Tutti i dati corrispondono allo stato attuale delle nostre conoscenze; le informazioni fornite non sono legalmente vincolanti.