NA/SA

FLAME RETARDANT

EN 13501-1

SIBU
DESIGN

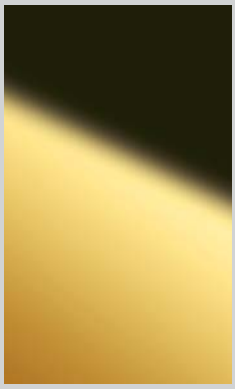
DM Silver SE
2600x1000x1
NA 10371 / **SA** 18135

DM Silver H23 SE
2600x1000x1
NA 11721 / **SA** 18136

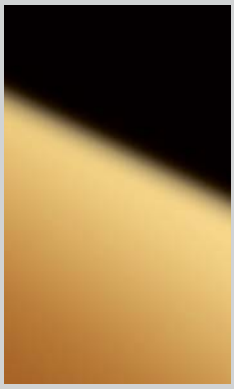
DM Fashion Grey SE
2600x1000x1
NA 14316 / **SA** 18137

DM Anthracite SE
2600x1000x1
NA 10127 / **SA** 18138

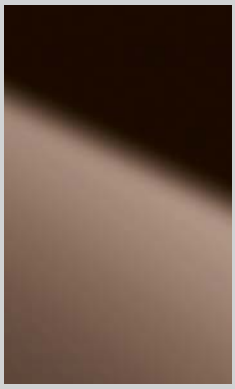
DM Champagne SE
2600x1000x1
NA 17693 / **SA** 18139



DM Brass SE
2600x1000x1
NA 10140 / **SA** 18140

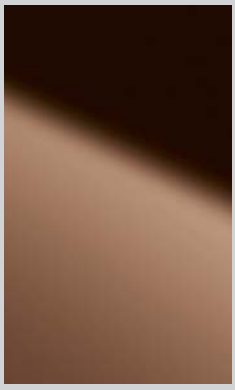


DM Gold SE
2600x1000x1
NA 13338 / **SA** 18141



DM Brown SE
2600x1000x1
NA 17700 / **SA** 18142

DM Bronze SE
2600x1000x1
NA 17701 / **SA** 18143



DM Copper SE
2600x1000x1
NA 17707 / **SA** 18144

DM Rose SE
2600x1000x1
NA 17702 / **SA** 18145

DM Mint SE
2600x1000x1
NA 17706 / **SA** 18148

DM Iceblue SE
2600x1000x1
NA 17704 / **SA** 18146

DM Skyblue SE
2600x1000x1
NA 12848 / **SA** 18147

PRODUKTEIGENSCHAFTEN	PRODUCT CHARACTERISTICS	CARACTÉRISTIQUES DES PRODUITS	СВОЙСТВА ПРОДУКЦИИ	i
nicht klebend	non-adhesive	non adhésif	без клеевого слоя	**NA**
stark klebend	strongly adhesive	autocollant	сильно клеющиеся	**SA**
Trägermaterial	Base material	Matière porteuse	Подложка	**PVC**
Oberflächenmaterial	Surface material	Matière de surface	Материал на поверхности	**PET**
Temperaturbeständigkeit	Temperature stability	Températures admissibles	Теплостойкость	**< 60 °C**
Feuchtraumeignung	Wet room suitability	Convenance à l'ambiance humide	Влагостойкость	●●●○
Abriebeständigkeit	Abrasion resistance	Résistance à l'abrasion	Устойчивость к истиранию	●●●○○○ ●●○○○○ DM Silver H23
Gerollt verpackbar	Rolled packable	Apte à être roulé en carton	Упаковка в рулон	✓

VERARBEITUNG	PROCESSING	TRANSFORMATION	ОБРАБОТКА	i
Schneiden, Stanzen	Cutting, punching	Couper, emboutir	Раскрой, высечка	✓
Bohren	Drilling	Percer	Сверление	✓
Sägen, Fräsen	Sawing, milling	Scier, fraiser	Распил, фрезерование	✓
Abkanten	Hot bending	Pliage à chaud	Термогибка	✓
Min. Biegeradius	Min. bending radius	Rayon mini de pliage	Минимальный радиус изгиба	**200 mm**
Zuschnitte	Cuttings	Découpes spéciales	Кроеные детали	✓
Kleber SIBUKLE D22 HV Spachtel A1	Glue SIBUKLE D22 HV Spatula A1	Colle SIBUKLE D22 HV Spatule A1	клей SIBUKLE D22 HV Шпатель A1	✓
bedruckbar	suitable for printing	imprimable	Пригодный для запечатывания	✓

Weitere Ausführungen:

Other versions / Autres versions / **дополнительные цвета:**

DM Silver AR12 SE
DM Silver AR23 SE
DM Gold AR SE
DM Anthracite AR SE
DM Hollywood SE

Foto / Produkteigenschaften / Verarbeitung:

Photo / product characteristics / processing
Photo / caractéristiques des produits / transformation
ФОТОГРАФИЯ / СВОЙСТВА ПРОДУКЦИИ / ОБРАБОТКА

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DECO-LINE brushed

DM Silver brushed SE
2600x1000x1
NA 12308 / **SA** 18149

DM HGS SE
2600x1000x1
NA 14703 / **SA** 18150

DM Champagne brushed SE
2600x1000x1
NA 17709 / **SA** 18151

DM Titan brushed SE
2600x1000x1
NA 17710 / **SA** 18152

DM Brass brushed matt AR SE
2600x1000x1
NA 16261 / **SA** 18153

DM Gold brushed matt AR SE
2600x1000x1
NA 17708 / **SA** 18154

DM Copper brushed SE
2600x1000x1
NA 17711 / **SA** 18155

Weitere Ausführungen:

Other versions / Autres versions / **дополнительные цвета:**

DM Silver brushed matt AR SE
DM HGS matt AR SE
DM Grey brushed matt AR SE

Foto / Produkteigenschaften / Verarbeitung:

Photo / product characteristics / processing
Photo / caractéristiques des produits / transformation
ФОТОГРАФИЯ / СВОЙСТВА ПРОДУКЦИИ / ОБРАБОТКА

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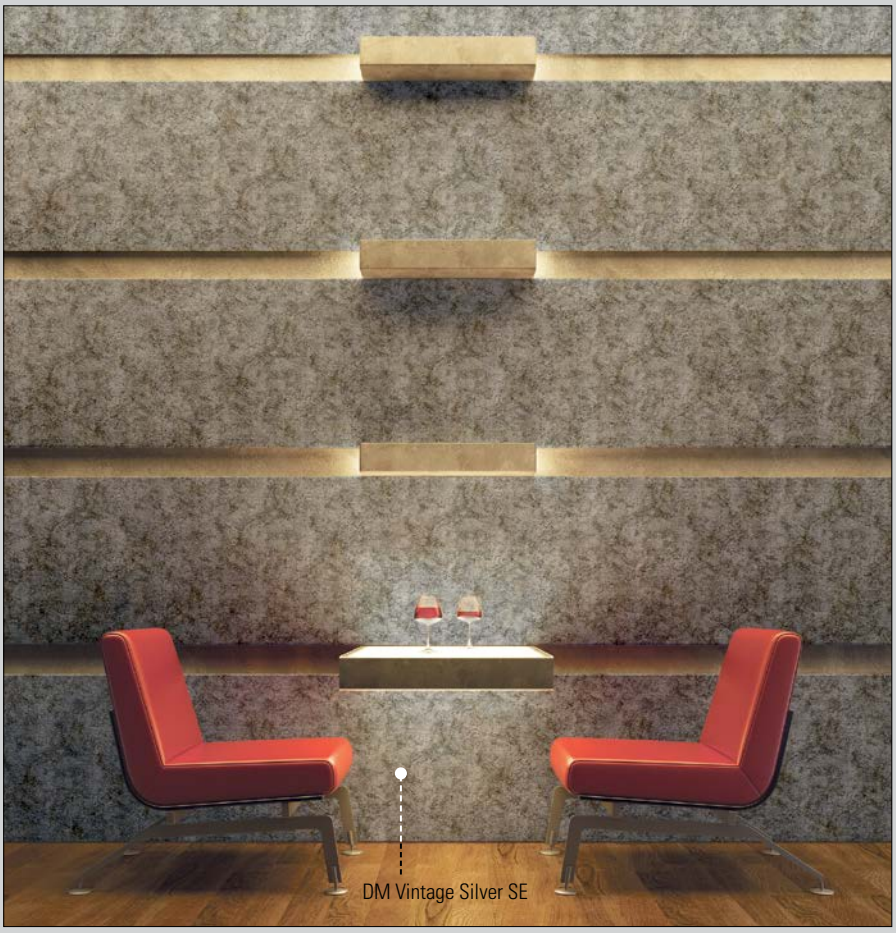
DECO-LINE brushed

PRODUKTEIGENSCHAFTEN	PRODUCT CHARACTERISTICS	CARACTÉRISTIQUES DES PRODUITS	СВОЙСТВА ПРОДУКЦИИ	i
nicht klebend	non-adhesive	non adhésif	без клеевого слоя	**NA**
stark klebend	strongly adhesive	autocollant	сильно клеющиеся	**SA**
Trägermaterial	Base material	Matière porteuse	Подложка	**PVC**
Oberflächenmaterial	Surface material	Matière de surface	Материал на поверхности	**PET**
Temperaturbeständigkeit	Temperature stability	Températures admissibles	Теплостойкость	**< 60 °C**
Feuchtraumeignung	Wet room suitability	Convenance à l'ambiance humide	Влагостойкость	●●●○
Abriebeständigkeit	Abrasion resistance	Résistance à l'abrasion	Устойчивость к истиранию	●●●●●●
Gerollt verpackbar	Rolled packable	Apte à être roulé en carton	Упаковка в рулон	✓

VERARBEITUNG	PROCESSING	TRANSFORMATION	ОБРАБОТКА	i
Schneiden, Stanzen	Cutting, punching	Couper, emboutir	Раскрой, высечка	✓
Bohren	Drilling	Percer	Сверление	✓
Sägen, Fräsen	Sawing, milling	Scier, fraiser	Распил, фрезерование	✓
Abkanten	Hot bending	Pliage à chaud	Термогибка	✓
Min. Biegeradius	Min. bending radius	Rayon mini de pliage	Минимальный радиус изгиба	**200 mm**
Zuschnitte	Cuttings	Découpes spéciales	Кроеные детали	✓
Kleber SIBUKLE D22 HV Spachtel A1	Glue SIBUKLE D22 HV Spatula A1	Colle SIBUKLE D22 HV Spatule A1	клей SIBUKLE D22 HV Шпатель A1	✓



DM Silver PF met SE
2600x1000x1
NA 14704 / **SA** 18156

DM Champagne PF met SE
2600x1000x1
NA 17712 / **SA** 18157

DM Smoke PF met SE
2600x1000x1
NA 17713 / **SA** 18158

DM Vintage Silver SE
2600x1000x1
NA 17716 / **SA** 18159

DM Vintage Copper SE
2600x1000x1
NA 17715 / **SA** 18160

DECO-LINE PF

PRODUKTEIGENSCHAFTEN	PRODUCT CHARACTERISTICS	CARACTÉRISTIQUES DES PRODUITS	СВОЙСТВА ПРОДУКЦИИ	i
nicht klebend	non-adhesive	non adhésif	без клеевого слоя	**NA**
stark klebend	strongly adhesive	autocollant	сильно клеющиеся	**SA**
Trägermaterial	Base material	Matière porteuse	Подложка	**PVC**
Oberflächenmaterial	Surface material	Matière de surface	Материал на поверхности	**PRINT**
Temperaturbeständigkeit	Temperature stability	Températures admissibles	Теплостойкость	**< 60 °C**
Feuchtraumeignung	Wet room suitability	Convenance à l'ambiance humide	Влагостойкость	●●●● ●●●○ DM Vintage
Abriebeständigkeit	Abrasion resistance	Résistance à l'abrasion	Устойчивость к истиранию	●●●●●● ●●●●●○ DM Vintage
Gerollt verpackbar	Rolled packable	Apte à être roulé en carton	Упаковка в рулон	✓

VERARBEITUNG	PROCESSING	TRANSFORMATION	ОБРАБОТКА	i
Schneiden, Stanzen	Cutting, punching	Couper, emboutir	Раскрой, высечка	✓
Bohren	Drilling	Percer	Сверление	✓
Sägen, Fräsen	Sawing, milling	Scier, fraiser	Распил, фрезерование	✓
Abkanten	Hot bending	Pliage à chaud	Термогибка	✓
Min. Biegeradius	Min. bending radius	Rayon mini de pliage	Минимальный радиус изгиба	**200 mm**
Zuschnitte	Cuttings	Découpes spéciales	Кроеные детали	✓
Kleber SIBUKLE D22 HV Spachtel A1	Glue SIBUKLE D22 HV Spatula A1	Colle SIBUKLE D22 HV Spatule A1	клей SIBUKLE D22 HV Шпатель A1	✓
bedruckbar	suitable for printing	imprimable	Пригодный для запечатывания	✓

Weitere Ausführungen:

Other versions / Autres versions / **дополнительные цвета:**

DM Silver PF met touch 1 SE
DM Champagne PF met touch 1 SE
DM Titan PF met touch 1 SE
DM Smoke PF met touch 1 SE
DM Zebrano graphite touch 1 SE
DM Makassar touch 1 SE
DM Tobacco touch 1 SE
DM LUXURY Bronze SE
DM LUXURY Gold SE
DM Galaxy Silver SE
DM Iron Age SE
DM Golden Age SE
DM Copper Age SE
DM LUXURY Silver SE

Foto / Produkteigenschaften / Verarbeitung:

Photo / product characteristics / processing
Photo / caractéristiques des produits / transformation
ФОТОГРАФИЯ / СВОЙСТВА ПРОДУКЦИИ / ОБРАБОТКА

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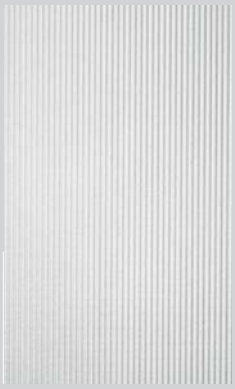
STRUCTURE-LINE

SL URBAN Titan SE
2600x1000x2,2
NA 17879 / **SA** 18161

SL DAKOTA Metal SE
2600x1000x2
NA 17880 / **SA** 18162

SL BUBBLE Silver PF met/Silver SE
2600x1000x2
NA 17881 / **SA** 18163



SL WAVE 1 Silver PF met SE
2600x1000x1,2
NA 17882 / **SA** 18164

Weitere Ausführungen:

Other versions / Autres versions / **дополнительные цвета:**

SL URBAN Grey SE
SL URBAN Light Grey SE
SL LAVA Copper SE
SL LAVA Grey SE
SL IMPERIAL Vintage Copper SE
SL ALISE Vintage Copper SE
SL MOTION ONE Silver AR23 SE
SL MOTION ONE Anthracite AR SE
SL MOTION TWO Silver brushed matt AR SE
SL MOTION TWO Grey brushed matt AR SE
SL CROCO Silver PF met/Silver SE
SL CROCO Smoke PF met/Silver SE
SL WAVE Silver SE
SL WAVE Silver PF met SE
SL STEP 5 Silver brushed matt AR SE
SL STEP 5 HGS SE
SL STEP 5 Silver PF met SE
SL SQUARE 3 HGS SE
SL SQUARE 3 Silver PF met SE
SL RACE Silver SE
SL MOTION ONE Pearl White PF SE

Foto / Produkteigenschaften / Verarbeitung:

Photo / product characteristics / processing
Photo / caractéristiques des produits / transformation
ФОТОГРАФИЯ / СВОЙСТВА ПРОДУКЦИИ / ОБРАБОТКА

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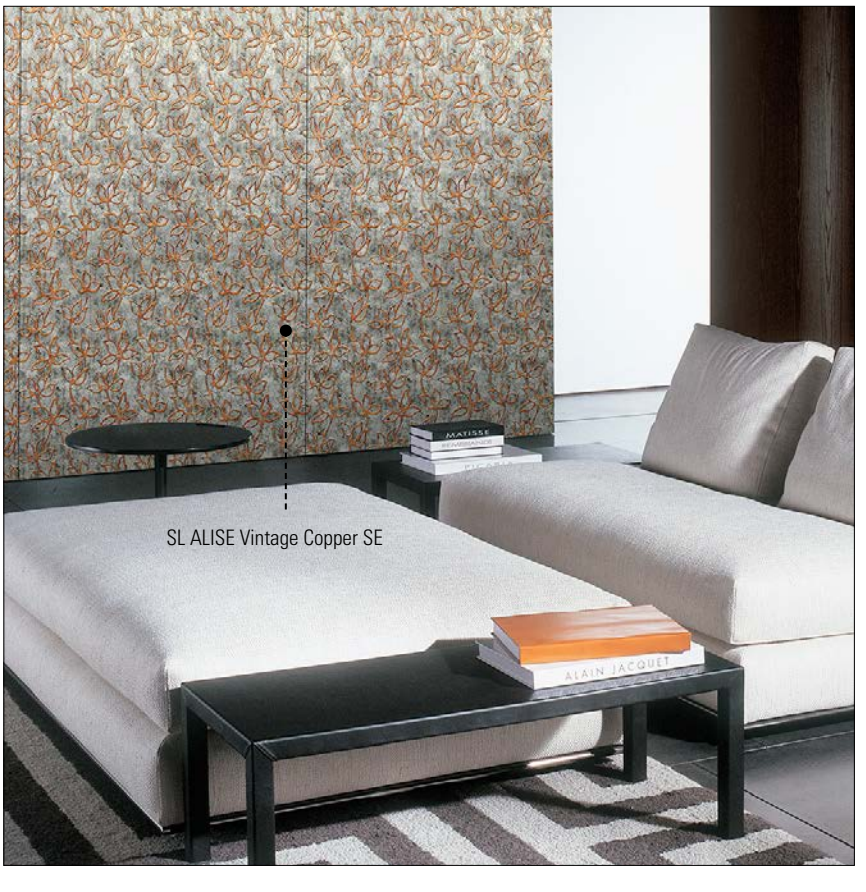
STRUCTURE-LINE

PRODUKTEIGENSCHAFTEN	PRODUCT CHARACTERISTICS	CARACTÉRISTIQUES DES PRODUITS	СВОЙСТВА ПРОДУКЦИИ	i
nicht klebend	non-adhesive	non adhésif	без клеевого слоя	**NA**
stark klebend	strongly adhesive	autocollant	сильно клеющиеся	**SA**
Trägermaterial	Base material	Matière porteuse	Подложка	**PVC**
Oberflächenmaterial	Surface material	Matière de surface	Материал на поверхности	**PRINT**
Temperaturbeständigkeit	Temperature stability	Températures admissibles	Теплостойкость	**< 60 °C**
Feuchtraumeignung	Wet room suitability	Convenance à l'ambiance humide	Влагостойкость	●●●❍
Abriebeständigkeit	Abrasion resistance	Résistance à l'abrasion	Устойчивость к истиранию	●●●●●●
Gerollt verpackbar	Rolled packable	Apte à être roulé en carton	Упаковка в рулон	✓

VERARBEITUNG	PROCESSING	TRANSFORMATION	ОБРАБОТКА	i
Schneiden, Stanzen	Cutting, punching	Couper, emboutir	Раскрой, высечка	✓
Bohren	Drilling	Percer	Сверление	✓
Sägen, Fräsen	Sawing, milling	Scier, fraiser	Распил, фрезерование	✓
Abkanten	Hot bending	Pliage à chaud	Термогибка	✓
Min. Biegeradius	Min. bending radius	Rayon mini de pliage	Минимальный радиус изгиба	**200 mm**
Zuschnitte	Cuttings	Découpes spéciales	Кроеные детали	✓
Kleber SIBUKLE D22 HV Spachtel A1	Glue SIBUKLE D22 HV Spatula A1	Colle SIBUKLE D22 HV Spatule A1	клей SIBUKLE D22 HV Шпатель A1	✓



LEATHER-LINE

LL LEGUAN Silver SE
2600x1000x1,8
NA 15789 / **SA** 18165

LL LEGUAN Gold SE
2600x1000x1,8
NA 17717 / **SA** 18166

LL LEGUAN Copper SE
2600x1000x1,8
NA 15790 / **SA** 18167

LL LEGUAN Nero SE
2600x1000x1,8
NA 15788 / **SA** 18168

LL Bianco matt SE
2600x1000x2
NA 17718 / **SA** 18169

LL Creme matt SE
2600x1000x2
NA 17719 / **SA** 18170

LL Dark Brown matt SE
2600x1000x2
NA 17720 / **SA** 18171

LL Nero matt SE
2600x1000x2
NA 17721 / **SA** 18172

LL FLORAL White/Silver matt SE
2600x1000x2,9
NA 17883 / **SA** 18173

LEATHER-LINE

PRODUKTEIGENSCHAFTEN	PRODUCT CHARACTERISTICS	CARACTÉRISTIQUES DES PRODUITS	СВОЙСТВА ПРОДУКЦИИ	i
nicht klebend	non-adhesive	non adhésif	без клеевого слоя	**NA**
stark klebend	strongly adhesive	autocollant	сильно клеющиеся	**SA**
Trägermaterial	Base material	Matière porteuse	Подложка	**PVC**
Oberflächenmaterial	Surface material	Matière de surface	Материал на поверхности	**PU**
Temperaturbeständigkeit	Temperature stability	Températures admissibles	Теплостойкость	**< 60 °C**
Feuchtraumeignung	Wet room suitability	Convenance à l'ambiance humide	Влагостойкость	●●●● ●●●○ LL Leguan
Gerollt verpackbar	Rolled packable	Apte à être roulé en carton	Упаковка в рулон	✓

VERARBEITUNG	PROCESSING	TRANSFORMATION	ОБРАБОТКА	i
Schneiden, Stanzen	Cutting, punching	Couper, emboutir	Раскрой, высечка	✓
Bohren	Drilling	Percer	Сверление	✓
Sägen	Sawing	Scier	Распил	✓
Abkanten	Hot bending	Pliage à chaud	Термогибка	✓
Min. Biegeradius	Min. bending radius	Rayon mini de pliage	Минимальный радиус изгиба	**200 mm**
Zuschnitte	Cuttings	Découpes spéciales	Кроеные детали	✓
Kleber SIBUKLE D22 HV Spachtel A1	Glue SIBUKLE D22 HV Spatula A1	Colle SIBUKLE D22 HV Spatule A1	клей SIBUKLE D22 HV Шпатель A1	✓

Weitere Ausführungen:

Other versions / Autres versions / **дополнительные цвета:**

LL ANTIGUA Gold SE
LL SNAKE Bianco matt SE
LL ALISE White/Gold SE
LL ALISE White/Silver SE

LL IMPERIAL White/Gold SE
LL IMPERIAL White/Silver SE
LL IMPERIAL Black/Silver SE
LL ORIENT Vintage Silver/Silver SE
LL ORIENT Gold/Silver SE

LL FLORAL Black/Silver matt SE
LL FLORAL White/Gold matt SE
LL FLORAL Vintage Silver/Silver SE
LL Vintage Silver SE
LL Vintage Copper SE

LL OXY Steel SE
LL OXY Terra SE

Foto / Produkteigenschaften / Verarbeitung:

Photo / product characteristics / processing
Photo / caractéristiques des produits / transformation
ФОТОГРАФИЯ / СВОЙСТВА ПРОДУКЦИИ / ОБРАБОТКА

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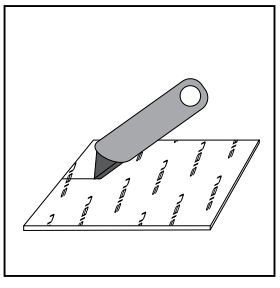
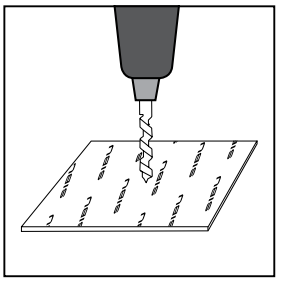
PRODUKTINFOS / PRODUCT FEATURES / CARACTÉRISTIQUES PRODUIT / информация о продукции

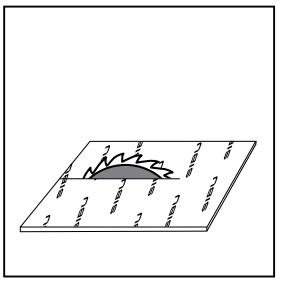
Für detailliertere Informationen besuchen Sie bitte unsere Homepage oder wenden Sie sich bitte an unser Verkaufsteam. www.sibu.at/de/verarbeitungshinweise.html
For detailed information, please see our homepage or contact our Sales Team. www.sibu.at/en/processing.html
Pour des informations détaillées veuillez visiter notre site internet ou vous mettre en contact avec notre Service des Ventes. www.sibu.at/fr/conseils-de-mise-en-uvre.html
Для получения подробной информации, пожалуйста, посетите наш сайт или обратитесь с нашим специалистам из отдела продаж. www.sibu.at/ru/rekomendacii-po-obrabotke.html



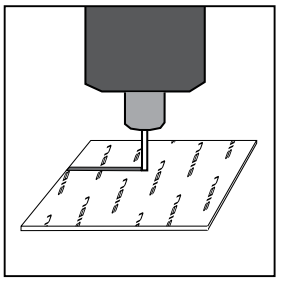
Schneiden
Cutting
Coupage
раскрой



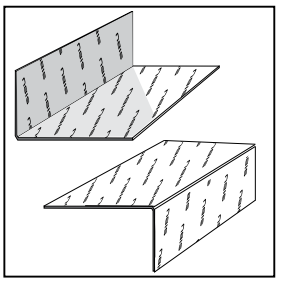
Bohren
Drilling
Perçage
сверление



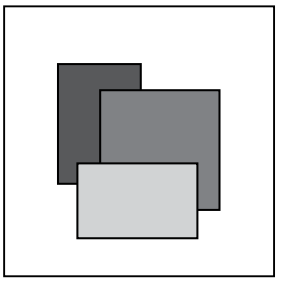
Sägen
Sawing
Sciage
распил



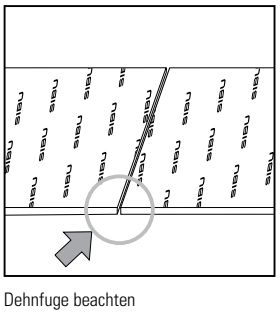
Fräsen
Milling
Fraisage
фрезерование



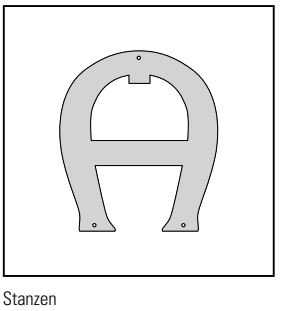
Abkanten
Bending
Courbure
термогибка



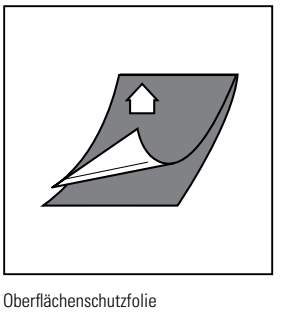
Individuelle Zuschnitte lieferbar
Customized cuttings possible
Coupe individuelle possible
Кроеные детали по запросу возможны



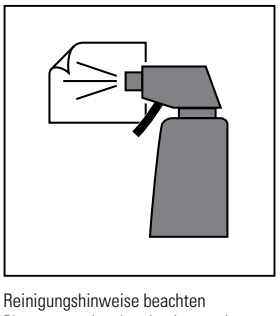
Dehnfuge beachten
Please note the expansion gap
Faire attention à la jointure de dilatation
необходим компенсационный шов



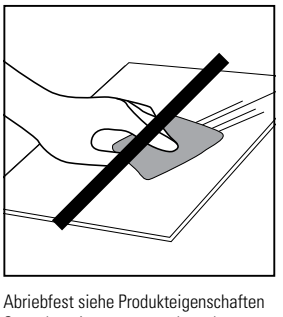
Stanzen
Punching
Perforation
Вырубка



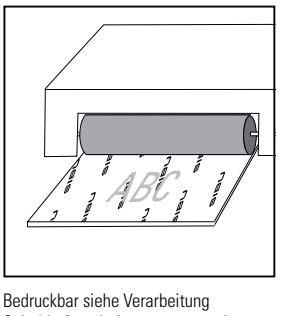
Oberflächenschutzfolie
Surface protection film
Film de protection de surface
защитная плёнка декоративной поверхности



Reinigungshinweise beachten
Please note the cleaning instructions
Veuillez observer les instructions de nettoyage
соблюдайте рекомендации по уходу



Abriebfest siehe Produkteigenschaften
Scratch resistant see product characteristics
Resistent à l'abrasion voir caractéristiques des produits
Устойчивые к истиранию, см. свойства продукции



Bedruckbar siehe Verarbeitung
Suitable for printing see processing
Imprimable voir transformation
Пригодны к запечатыванию, см. рекомендации.

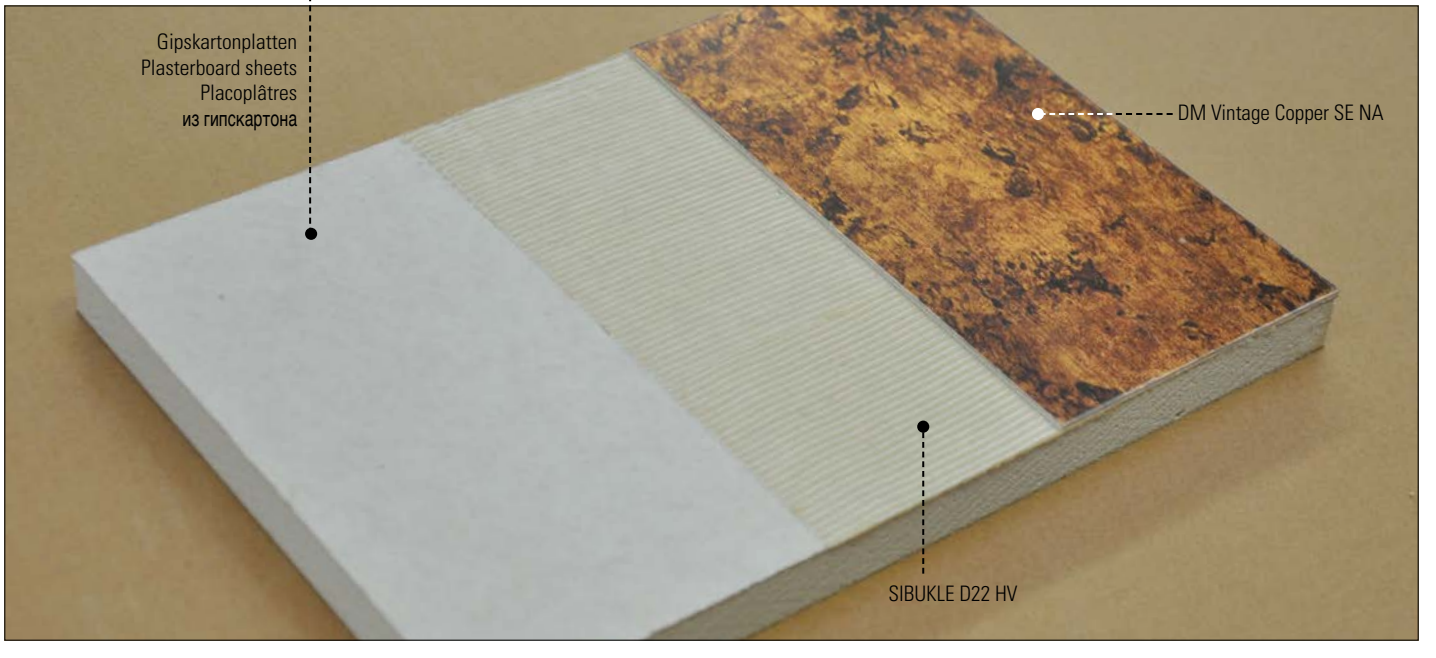
MONTAGE / INSTALLATION / MONTAGE / монтáж

D **SA Ausführungen** müssen auf nicht brennbaren Untergründen nach EN 13501-1 der Klasse A2 – s1, d0 wie z.B. Gipskartonplatten oder ähnlichen Baustoffen, verklebt werden.

GB **SA versions** must be bonded onto non-flammable ground surfaces that comply with Class A2 – s1 d0 pursuant to EN 13501-1, e.g. plasterboard or similar construction materials.

F **Les versions SA** autocollantes doivent être collées sur des fonds inflammables de classe A2 – s1, d0 comme par exemple des placoplâtres, ou similaires selon EN 13501-1.

RUS Листы SA (с/кл.) необходимо наклеивать на негорючие поверхности класса A2 –s1, d0 как, например, из гипскартона, или другие строительные материалы, согласно EN 13501-1.



D **NA Ausführungen** müssen mit SIBUKLE D22 HV auf nicht brennbaren Untergründen nach EN 13501-1 der Klasse A2 – s1, d0 wie Z. B. Gipskartonplatten oder ähnlichen Baustoffen, verklebt werden.

GB **NA versions** must be bonded onto non-flammable ground surfaces that comply with Class A2 – s1 d0 pursuant to EN 13501-1, e.g. plasterboard or similar construction materials using SIBUKLE D22 HV.

F **Les versions NA** non adhésivées doivent être collées avec la colle SIBUKLE D22 HV sur des fonds inflammables de classe A2 – s1, d0 comme par exemple des placoplâtres, ou similaires selon EN 13501-1.

RUS Листы NA (без клея) необходимо наклеивать клеем SIBUKLE D22 HV на негорючие поверхности класса A2 –s1, d0 как, например, из гипскартона, или другие строительные материалы, согласно EN 13501-1.

SIBUKLE D22HV

Artikel Article Article Артикул			Art.-Nr. Art.-no. Réf. Номер артикула
SIBUKLE D22HV	1-kg /kg:	1-kg tin /kg	11497
SIBUKLE D22HV	6-kg /kg:	6-kg tin /kg	11499
SIBUKLE D22HV	12-kg /kg:	12-kg tin /kg	11498

INFORMATION DER KLASSIFIZIERUNG VON FLÄCHIGEN BAUSTOFFEN
INFORMATION ON FLAT BUILDING MATERIAL CLASSIFICATION
INFORMATION CONCERNANT LA CLASSIFICATION DES PRODUITS PLATS
Информация по классификации листовых отделочных материалов

EN 13501-1

Brandverhalten / Fire behaviour / Comportement au feu / Поведение при возгорании:

B schwerentflammbar
flame-retardant
difficilement inflammable
трудновоспламеняемые

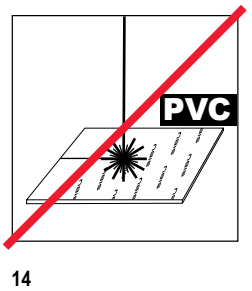
Rauchverhalten / Smoke behaviour / Comportement quant à l'émission de fumées/ Дымообразование:

S2 begrenzte Rauchentwicklung
restricted smoke emission
développement limité de fumées
ограниченное дымообразование

S3 unbeschränkte Rauchentwicklung
unrestricted smoke emision
développement non limité de fumées
неограниченное дымообразование

Brennendes Abtropfen/Abfallen / Dripping/dropping of burning parts / Formation de gouttes enflammées/ Горящие капли или осколки:

d0 kein Abtropfen/Abfallen
no dripping/no dropping
pas de formation de gouttes enflammées
никаких капель/осколков



Laserzuschnitt
Laser cutting
Coupe au laser
лазерный раскрой

PROGRAMM / RANGE / COLORIS / Программа продукции

DECO-LINE:

Artikel Article Article Артикул	Lagerformat Stock dim. Format en stock Размер листа	Art.-Nr. NA Art.-no. NA Réf. NA Номер артикула NA	Art.-Nr. +SA Art.-no. +SA Réf. +SA Номер артикула +SA	EN 13501-1 Brandverhalten Fire behaviour Comportement au feu Поведение при возгорании	Rauchverhalten Smoke behaviour Comportement quant à l'émission de fumées Дымообразование		Brennendes Abtropfen/Abfallen Dripping/dropping of burning parts Formation de gouttes enflammées Горящие капли или осколки	
DM Silver SE	2600x1000x1	10371	18135	B	s	2	d	0
DM Silver H23 SE	2600x1000x1	11721	18136	B	s	2	d	0
DM Fashion Grey SE	2600x1000x1	14316	18137	B	s	2	d	0
DM Anthracite SE	2600x1000x1	10127	18138	B	s	2	d	0
DM Champagne SE	2600x1000x1	17693	18139	B	s	2	d	0
DM Brass SE	2600x1000x1	10140	18140	B	s	2	d	0
DM Gold SE	2600x1000x1	13338	18141	B	s	2	d	0
DM Brown SE	2600x1000x1	17700	18142	B	s	2	d	0
DM Bronze SE	2600x1000x1	17701	18143	B	s	2	d	0
DM Copper SE	2600x1000x1	17707	18144	B	s	2	d	0
DM Rose SE	2600x1000x1	17702	18145	B	s	2	d	0
DM Iceblue SE	2600x1000x1	17704	18146	B	s	2	d	0
DM Skyblue SE	2600x1000x1	12848	18147	B	s	2	d	0
DM Mint SE	2600x1000x1	17706	18148	B	s	2	d	0
DM Silver brushed SE	2600x1000x1	12308	18149	B	s	2	d	0
DM HGS SE	2600x1000x1	14703	18150	B	s	2	d	0
DM Champagne brushed SE	2600x1000x1	17709	18151	B	s	2	d	0
DM Titan brushed SE	2600x1000x1	17710	18152	B	s	2	d	0
DM Brass brushed matt AR SE	2600x1000x1	16261	18153	B	s	2	d	0
DM Gold brushed matt AR SE	2600x1000x1	17708	18154	B	s	2	d	0
DM Copper brushed SE	2600x1000x1	17711	18155	B	s	2	d	0
DM Silver PF met SE	2600x1000x1	14704	18156	B	s	2	d	0
DM Champagne PF met SE	2600x1000x1	17712	18157	B	s	2	d	0
DM Smoke PF met SE	2600x1000x1	17713	18158	B	s	2	d	0
DM Vintage Silver SE	2600x1000x1	17716	18159	B	s	2	d	0
DM Vintage Copper SE	2600x1000x1	17715	18160	B	s	2	d	0

+ DM Silver AR12 SE
+ DM Silver AR23 SE
+ DM Gold AR SE
+ DM Anthracite AR SE
+ DM Silver brushed matt AR SE
+ DM HGS matt AR SE
+ DM Grey brushed matt AR SE
+ DM Silver PF met touch 1 SE
+ DM Champagne PF met touch 1 SE
+ DM Titan PF met touch 1 SE
+ DM Smoke PF met touch 1 SE
+ DM Zebrano graphite touch 1 SE
+ DM Makassar touch 1 SE
+ DM Tobacco touch 1 SE
+ DM LUXURY Bronze SE
+ DM LUXURY Gold SE
+ DM LUXURY Silver SE
+ DM Galaxy Silver SE
+ DM Iron Age SE
+ DM Golden Age SE
+ DM Copper Age SE
+ DM Hollywood SE

STRUCTURE-LINE:

SL URBAN Titan SE	2600x1000x2,2	17879	18161	B	s	2	d	0
SL DAKOTA Metal SE	2600x1000x2	17880	18162	B	s	2	d	0
SL BUBBLE Silver PF met/Silver SE	2600x1000x2	17881	18163	B	s	2	d	0
SL WAVE 1 Silver PF met SE	2600x1000x1,2	17882	18164	B	s	2	d	0

+ SL URBAN Grey SE
+ SL URBAN Light Grey SE
+ SL LAVA Copper SE
+ SL LAVA Grey SE
+ SL IMPERIAL Vintage Copper SE
+ SL ALISE Vintage Copper SE
+ SL MOTION ONE Silver AR23 SE
+ SL MOTION ONE Anthracite AR SE
+ SL MOTION TWO Silver brushed matt AR SE
+ SL MOTION TWO Grey brushed matt AR SE
+ SL CROCO Silver PF met/Silver SE
+ SL CROCO Smoke PF met/Silver SE
+ SL WAVE Silver SE
+ SL WAVE Silver PF met SE
+ SL STEP 5 Silver brushed matt AR SE
+ SL STEP 5 HGS SE
+ SL STEP 5 Silver PF met SE
+ SL SQUARE 3 HGS SE
+ SL SQUARE 3 Silver PF met SE
+ SL RACE Silver SE
+ SL MOTION ONE Pearl White PF SE

LEATHER-LINE:

LL LEGUAN Silver SE	2600x1000x1,8	15789	18165	B	s	3	d	0
LL LEGUAN Gold SE	2600x1000x1,8	17717	18166	B	s	3	d	0
LL LEGUAN Copper SE	2600x1000x1,8	15790	18167	B	s	3	d	0
LL LEGUAN Nero SE	2600x1000x1,8	15788	18168	B	s	3	d	0
LL Bianco matt SE	2600x1000x2	17718	18169	B	s	3	d	0
LL Creme matt SE	2600x1000x2	17719	18170	B	s	3	d	0
LL Dark Brown matt SE	2600x1000x2	17720	18171	B	s	3	d	0
LL Nero matt SE	2600x1000x2	17721	18172	B	s	3	d	0
LL FLORAL White/Silver matt SE	2600x1000x2,9	17883	18173	B	s	3	d	0

+ LL ALISE White/Gold SE
+ LL ALISE White/Silver SE
+ LL FLORAL Black/Silver matt SE
+ LL FLORAL White/Gold matt SE
+ LL FLORAL Vintage Silver/Silver SE
+ LL IMPERIAL White/Gold SE
+ LL IMPERIAL White/Silver SE
+ LL IMPERIAL Black/Silver SE
+ LL IMPERIAL White
+ LL ANTIGUA Gold SE
+ LL ORIENT Vintage Silver/Silver SE
+ LL ORIENT Gold/Silver SE
+ LL Vintage Silver SE
+ LL Vintage Copper SE
+ LL SNAKE Bianco matt SE
+ LL OXY Steel SE
+ LL OXY Terra SE

Dieses Informationstool wurde nach bestem Wissen und mit besonderer Sorgfalt erstellt. Die Angaben beruhen auf Praxiserfahrungen, Prüfergebnissen sowie auf eigenen Versuchen und entsprechen unserem heutigen Kenntnisstand. Für Druckfehler, Normfehler und Irrtümer kann keine Gewähr übernommen werden!

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MINISTRY OF BUSINESS, INNOVATION & EMPLOYMENT
HIKINA WHAKATUTUKI

Building & Housing Information

publication information
Published 12 September 2013

Achieving NZBC Group Numbers for surface finishes from tests to overseas Standards

Protection from Fire

This guidance is issued under section 175 of the Building Act 2004.

On this page:

- **Who is this document for?**
- **Overview**
- **Guidance**

Who is this document for?

Fire designers, Building Consent Authorities.

Guidance

The New Zealand the Building Code (NZBC) requirements for internal surface finishes are given in Clause 3.4(a). These are given as Group Numbers when tested is the performance determined under the conditions described in ISO 9705:1993 'Fire tests– The full scale room test for surface products. The Group Number is a numeric representation of the performance achieved during the test and is used as a standardised benchmark for the assessment of surface finish performance. The Group Number requirements are repeated within the Acceptable Solutions C/AS1-C/AS7 relevant to each risk group.

The fire test procedure for establishing the Group Number is based on either:

a) ISO 9705, which is a full-scale room corner-test, or
b) ISO 5660, which is a bench-scale fire test on a small sample of the material.

The Group Number 1-4 (least to most combustible) provides a hierarchy for the risk of the spread of flame across the surface finish based on the measured or predicted 'time to flashover' in the ISO 9705 test.

In Australia and Europe the same general hierarchy of risk for surface flame spread for finishes is used. While differences exist in the small-scale or intermediate-scale fire test methods adopted in the different jurisdictions, the resulting classifications are considered to be sufficiently similar to the Group Number requirements of NZBC Clause 3.4(a) such that the results can be used directly for the purpose of compliance with Clause C3.4 of the New Zealand Building Code.

In Australia the Group Numbers are derived from AS ISO 9705:2003 which is an identical reproduction of ISO 9705:1993.

In Europe, the reaction to fire, of construction products and materials are classified using the criteria and test methods described in EN 13501-1. There are five classification levels A1, A2, B, C, D, E and F (from least to most combustible).

The Single Burning Item (SBI) as described in EN 13501-1 is a test method for determining the reaction to fire behaviour of building products when exposed to the thermal attack by a propane burner . The results of this test, using a Fire Growth Rate (FIGRA ratio) have been correlated for MBIE to the ISO 9705 Group Numbers and the requirements of NZBC Clause 3.4(a) in the same manner as the ISO 5660 cone calorimeter test.

The co-relation of wall and ceiling surface finishes derived from Australian or European classifications to the Group Number requirements of NZBC Clause 3.4(a) can, without the need for further testing, be taken as described in the following table.

New Zealand Group Number according to NZBC Clause C3.4(a) using ISO 9705:1993	**Australian Group Number according to NCC Specification C1.10 Clause 4 using AS ISO 9705:2003**	**European Classification using to EN 13501-1:2007**
Group Number 1-S	Group 1, and a smoke growth rate index not more than 100	Class A1, A2 or B and Smoke production rating s1 or s2
Group Number 1	Group 1	Class A1, A2 or B
Group Number 2-S	Group 2, and a smoke growth rate index not more than 100	Class C and Smoke production rating s1 or s2
Group Number 2	Group 2	Class C
Group Number 3	Group 3	Class D
Group Number 4	Group 4	Class E and F

Some products, especially those from Australia, may have been tested to AS/NZS 3837. This is the same test as ISO 5660 but with different end-of-test criteria, which means for some materials this may affect the assessment of a Group Number.

A test result for a material or coating applied to a particular substrate may also be used for the same

material or coating applied to another substrate of the same or less reactive type (refer Table A2 within Verification Method C/VM2) provided the new substrate is of equal or greater density. For solid timber, the material or coating may be used on other solid timber of equal or greater density and thickness. Notwithstanding this, proprietary coatings must only be used as recommended by the manufacturer.

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