



**AIRCRAFT  
FLOORING**



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all products are



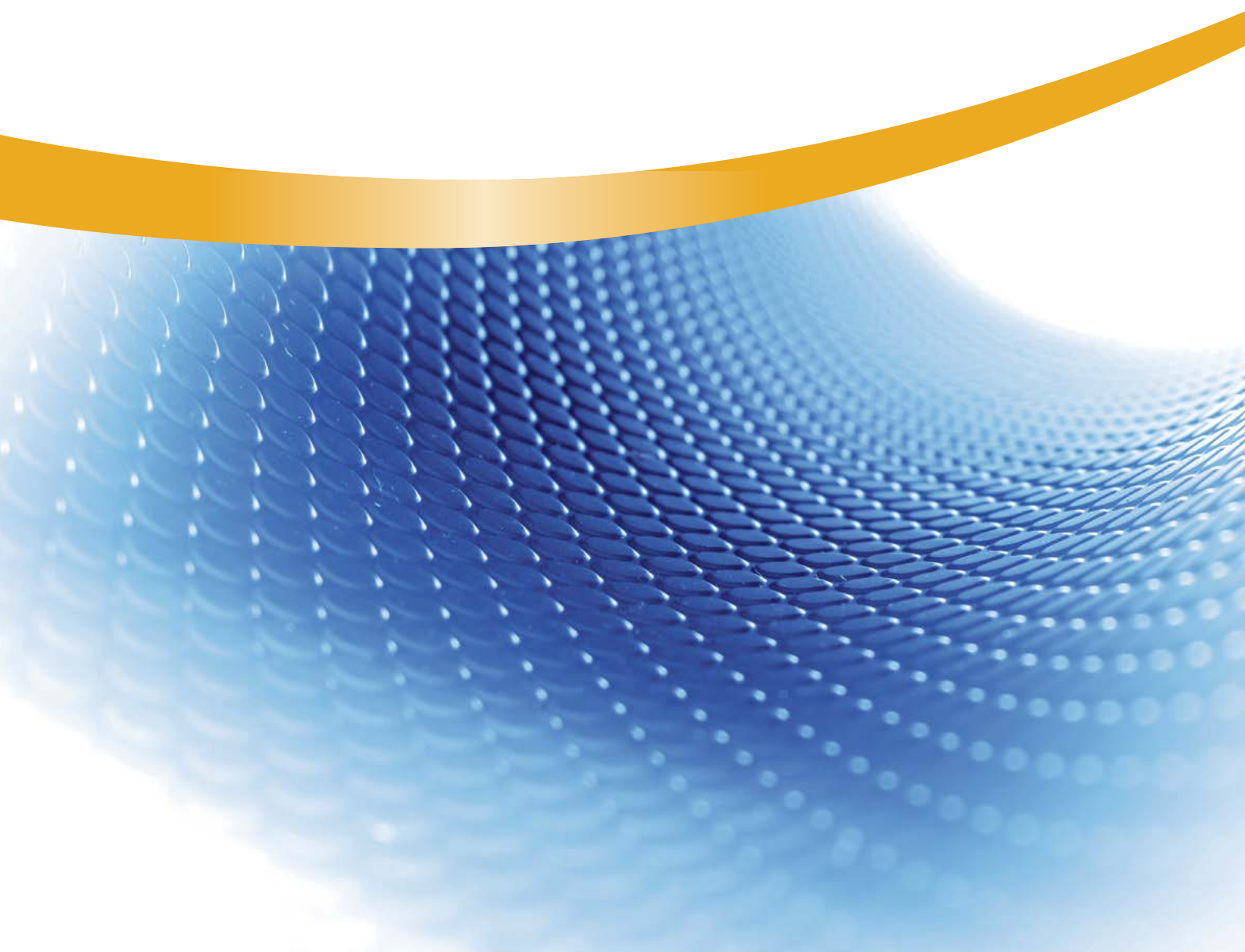
**pvc- and halogen free**

Dear Valued Business Partner,

for over 30 years, Cooper Standard Technical Rubber GmbH (formerly Metzeler) has been one of the global leaders in aerospace flooring. We believe that this history combined with an innovative team can provide our clients with unique and unsurpassed solutions in all Non-Textile-Flooring (NTF) applications.

All our products are designed, manufactured and lab tested from a highly skilled engineering team based out of Cooper Standard facility in Germany.

Focusing on safety, durability, appearance & sustainability has always been a key driver for our NTF product range.



# CONTENT

all products are



pvc- and halogen free

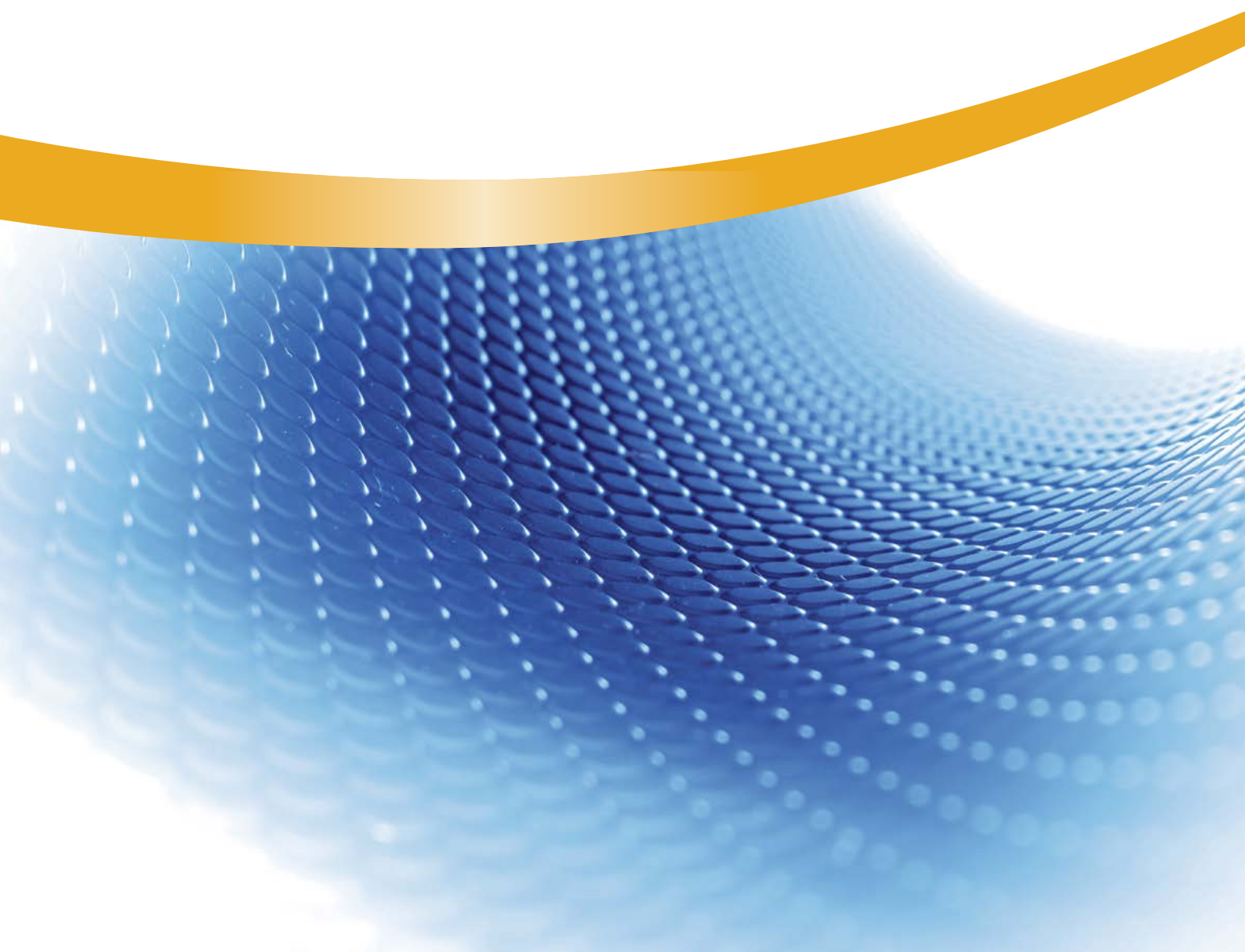
HIGH PERFORMANCE RUBBER NTF

SILICONE BASED NTF

SILICONE SEALANTS



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**HIGH PERFORMANCE  
RUBBER NTF**

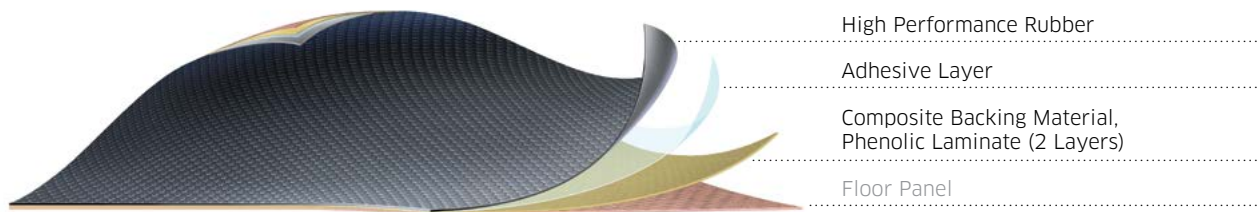
**DUROFLOOR<sup>®</sup>  
DUROFLEX<sup>®</sup>  
DUROMAT<sup>®</sup>**



# DUROFLOOR®

## Layers

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## Product Features

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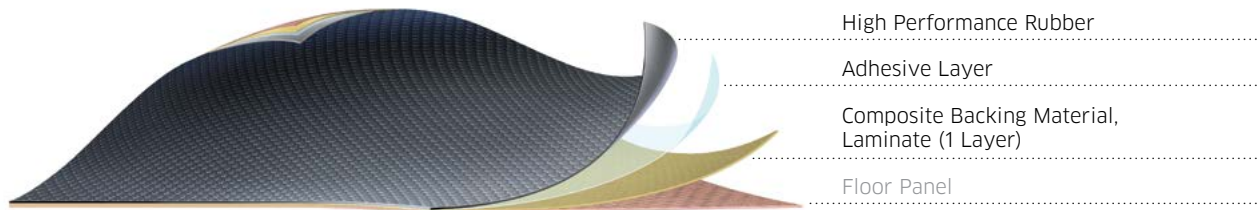
- All-in-one light-weight NTF
- SFE for Airbus wide- and narrow body aircraft
- High performance rubber surface layer laminated to a 2-layer phenolic laminate backing (DAN407-7 standard)
- Fulfills low smoke and toxic gas emissions requirements according ABD0031
- Superior wear resistance
- Available in a wide color range
- With use of FLOORSIL® Silicone Sealants, no hot-welding required during installation



# DUROFLEX<sup>®</sup>

## Layers

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## Product Features

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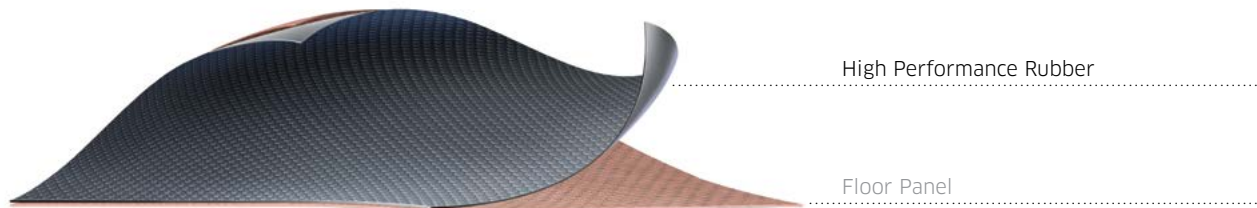
- Extreme light-weight All-in-one NTF construction
- High performance rubber surface layer laminated to a 1-layer laminate backing
- Fulfills low smoke and toxic gas emissions requirements according ABD0031
- Superior wear resistance
- Available in a wide color range
- With use of FLOORSIL<sup>®</sup> Silicone Sealants, no hot-welding required during installation



# DUROMAT®

## Layers

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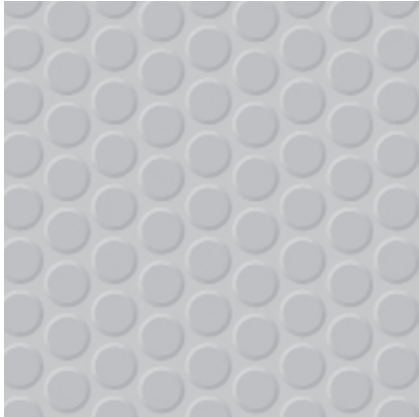
## Product Features

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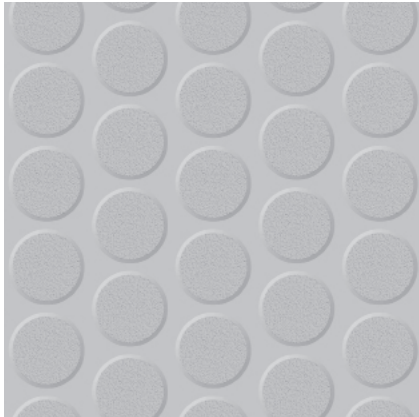
- Economical light-weight NTF
- Fulfills low smoke and toxic gas emissions requirements according ABD0031
- High performance rubber surface layer
- Superior wear resistance
- Available in a wide color range
- With use of FLOORSIL® Silicone Sealants, no hot-welding required during installation

Available Designs

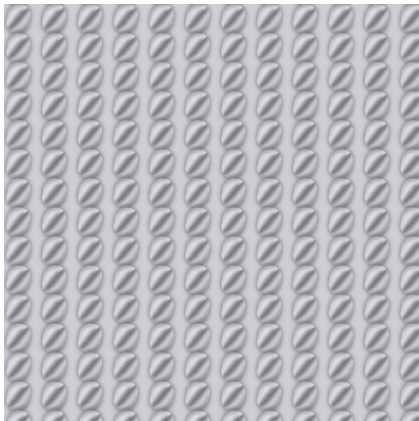
**DA8**  
8 mm dots  
asymmetrically arranged



**DA19**  
19 mm dots  
asymmetrically arranged



**Ribbed**  
carpet design



**Grained**  
random pattern



Selection of available Colors



Granite



Basalt Grey



Dark Grey



Dark Grey Luster



Dark Brown



Dark Sand



Pacific Blue



Amazonas Red

Additional and Customized colors available



## Technical Data

		DUROFLOOR®	DUROFLEX®	DUROMAT®
Weight (g/m²)		< 2300	1750 +/- 200	2500 +/- 200
Thickness (mm)	DA8	1,6	1,3	1,7
	DA19	1,6	1,3	1,7
	Ribbed	1,8	1,5	1,9
	Grained	1,6	1,3	1,7
Standard width (mm)	1500	1500	1500	
Standard length (mm)	5000	5000	5000	
Max width (mm)	3000	4500	4500	
Max length (mm)	6500	6500	25000 (rolls)	
<b>CHARACTERISTICS</b>				
Static sliding friction		conform (FAR/JAR 25.793, ISO 8295, DIN 53375)		
Dimensional stability		0% (NF EN 434)		
Flammability		conform (FAR25.853(a) App.F, Part I)		
Toxic gases and smoke density		conform (ABD 0031)		

## Contact Informations

**Head Office:** Cooper Standard Technical Rubber GmbH  
 Fred-Joachim-Schoeps-Straße 55, 68535 Edingen-Neckarhausen, Germany  
 Tel.: +49 (0) 621 480280-302, Fax: +49 (0) 621 480280-240  
 E-Mail: aviationflooring@cooperstandard.com, www.cooperstandard.com



## SILICONE BASED NTF

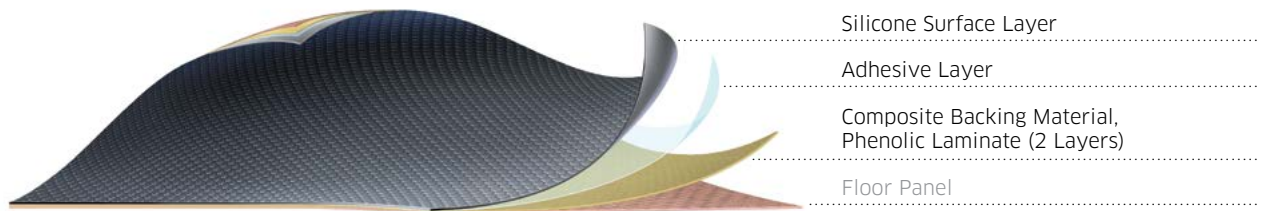
AIRFLOOR®  
AIRFLEX® GP  
AIRFLEX® GP AB2



# AIRFLOOR®

## Layers

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## Product Features

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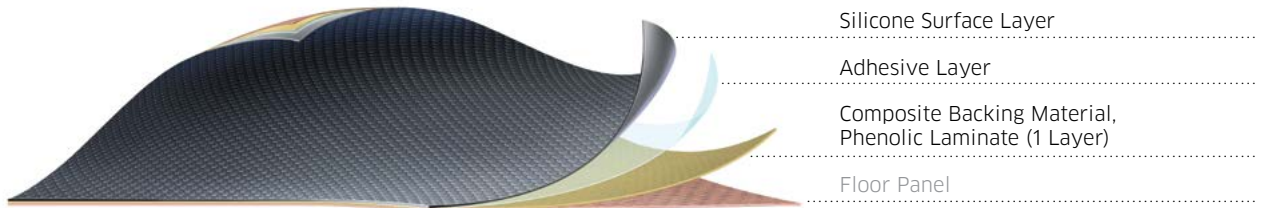
- All-in-one NTF
- SFE for Airbus wide- and narrow body aircraft
- Silicone surface layer laminated to a 2-layer phenolic laminate backing (DAN407-7 standard)
- Fulfills low smoke and toxic gas emissions requirements according ABD0031
- Available in a wide color range
- With use of FLOORSIL® Silicone Sealants, no hot-welding required during installation



# AIRFLEX<sup>®</sup> GP

## Layers

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## Product Features

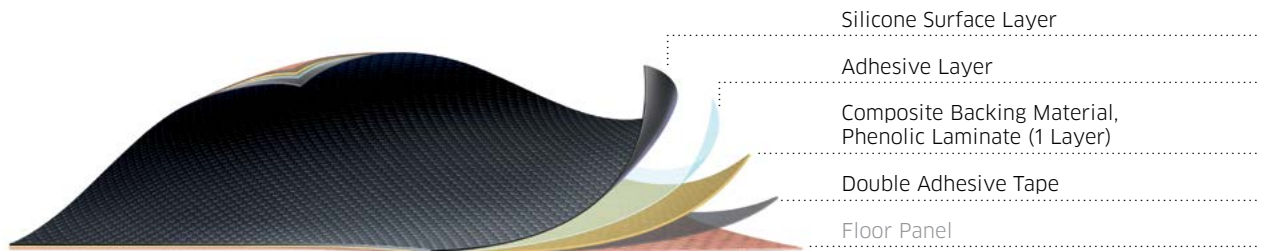
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- All-in-one light-weight NTF
- Silicone surface layer laminated to a 1-layer phenolic laminate backing
- Fulfills low smoke and toxic gas emissions requirements according ABD0031
- Available in a wide color range
- With use of FLOORSIL<sup>®</sup> Silicone Sealants, no hot-welding required during installation



# AIRFLEX<sup>®</sup> GP AB2

## Layers

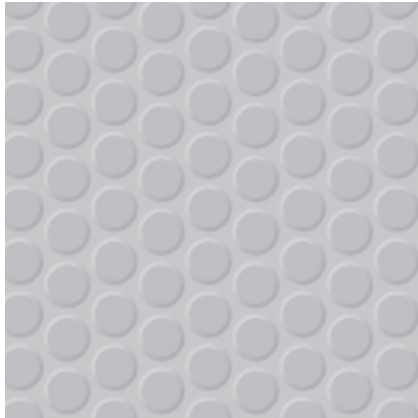


## Product Features

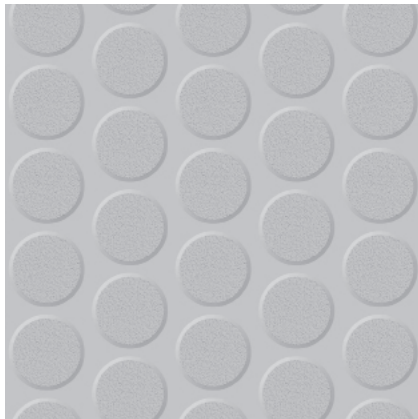
- All-in-one light-weight NTF
- SFE for Boeing 787 program
- Pre-cut, factory seamed and integral adhesive tape applied
- Silicone surface layer laminated to a 1-layer phenolic laminate backing
- Qualified according Boeing Spec. D861Z201-01
- Available in a wide color range
- With use of FLOORSIL<sup>®</sup> Silicone Sealants, no hot-welding required during installation

Available Designs

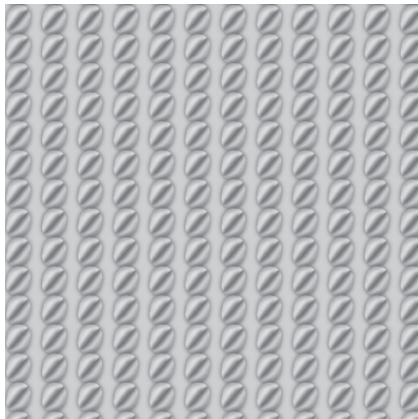
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Selection of available Colors



Granite



Basalt Grey



Dark Grey



Dark Grey Luster



Dark Brown



Dark Sand



Pacific Blue



Amazonas Red

Additional and Customized colors available

## Technical Data

	AIRFLOOR®	AIRFLEX® GP	AIRFLEX® GP AB2
Weight (g/m <sup>2</sup> )	2750 +/- 170	2200 +/- 170	2450 +/- 170
Thickness (mm)	DA8	2,2	2,0
	DA19	2,3	2,1
	Ribbed	2,5	2,2
	Grained	2,2	1,9
Standard width (mm)	1500	1500	1500
Standard length (mm)	5000	5000	5000
Max width (mm)	3000	4500	4500
Max length (mm)	6500	6500	6500

### CHARACTERISTICS

Static sliding friction	conform (FAR/JAR 25.793, ISO 8295, DIN 53375)	conform (FAR/JAR 25.793, Boeing BMS 286 para 8.8/para 8.9)
Durability - dry and wet	n/a	conform (BMS8-286)
Dimensional stability	0% (NF EN 434)	
Flammability	conform (FAR25.853(a) App.F, Part I)	
Toxic gases and smoke density	conform (ABD 0031)	n/a

## Contact Informations

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## SILICONE SEALANTS

FLOORSIL<sup>®</sup> 2  
FLOORSIL<sup>®</sup> FCS  
FLOORSIL<sup>®</sup> 1217





# FLOORSIL<sup>®</sup> 2

One component “ready-to-use“  
Silicone Sealant for flexible and reliable  
NTF joints.

## Product Features

- One-component “ready-to-use” Silicone Sealant
- Room temperature curing (RTV)
- Easy and reliable NTF sealing – no hot welding required
- Airbus standard Silicone Sealant for NTF Installation (according Airbus Spec. ABS5907)
- Available in a wide color range (color matched to NTF’s)
- Excellent weather ability, resistance to ageing, UV-radiation and temperature





# FLOORSIL<sup>®</sup> FCS

Two component “ready-to-use” Silicone Sealant. Extra fast curing time for quick installation and repairs. FLOORSIL<sup>®</sup> FCS is fully interchangeable with standard FLOORSIL<sup>®</sup> 2.

## Product Features

- Fast curing two-components “ready to use” Silicone Sealant
- Based on alcoxy cross-linking system
- Fully interchangeable with FLOORSIL<sup>®</sup> 2
- Room temperature curing (RTV) - 10 minutes set-up time
- Easy and reliable NTF sealing - no hot welding required
- Available in a wide color range (color matched to NTF’s)
- Qualified according Airbus Spec. ABS5907





# FLOORSIL<sup>®</sup> 1217

Primer liquid suitable for all FLOORSIL<sup>®</sup> installations with Non-Silicone NTF. Provides superior bonding on all standard NTF materials.

## Product Features

- Silicone resin primer for adhesion improvement to plastics, e.g. acrylic glass, PVS, ABS, polyester and similar materials
- Qualified according Airbus Spec. ABS5907
- Drying time: min. 15 minutes (23°C/50% humidity)
- Easy and fast application – no special tools required



Available Colors

				
White 7362	Dream Grey	Papyrus White	Sand Beige	Light Beige
				
Rosewood	Amazonas Red (16)	Red	Red Violet (19)	Burgundy (18)
				
Wood Classic Oak	Dark Sand (93)	Clay Brown	Dark Brown (97)	Violet Grey
				
Dove Blue (52)	Marino (49)	Midnight Navy (58)	Pacific Blue (57)	Night Blue (59)
				
Dark Blue (51)	Dark Green (46)	Grey 429 (82)	Silver	Middle Grey
				
Stone Grey	BAC 7800 Grey (83)	New York Grey	Basalt Grey (80)	Granite (87)
				
Blue Grey (53)	Light Grey (84)	BAC 714 Grey (86)	Grey 90 (90)	Dark Grey (88)
				
Quarz Grey (92)	Blue Black (56)	Black Blue (00)	Black Brown (02)	Signal Black

## FLOORSIL® Accessories

PRODUCT	SAP NO.	SYSTEM	
Mixer quadro, 10 : 1 for 490 ml tubes	335336300	FCS 490 ml	
Recommended Dispenser System for 490 ml tubes	335336200	FCS 490 ml	
Mixer quadro, 10 : 1 for 44 ml tubes	TBA	FCS small 44 ml	
Recommended Dispenser System for 44 ml tubes	335342600	FCS small 44 ml	

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