

AIRDEC-FL (Rigid)

AIRDEC-FL (Rigid) is a fiberglass reinforced sheet aircraft flooring product, nominally 0.06 inches thick, that meets the requirements of FAR Part 25 Appendix F Part I Vertical Flammability Test (12 seconds).

WEIGHT	AIRDEC-FL (Rigid) is a medium weight laminate that holds up to the severe conditions of heavy traffic floors.
COLOR	AIRDEC-FL (Rigid) is available in an unlimited number of colors and patterns.
TEXTURE	AIRDEC-FL (Rigid) is available in variety of textures.
GRIT	AIRDEC-FL (Rigid) is available with or without non-skid grit.
CLEANING	AIRDEC-FL (Rigid) possesses exceptional resistance to staining, solvents, chemicals, and abrasion, and is very easy to clean with common cleaners.
QUALITY	Founded on years of experience, high quality materials, and a very controlled process, the color, texture, and integrity of this product is guaranteed.
ADHESIVES	AIRDEC-FL (Rigid) is available bare without adhesive, or with strippable pressure sensitive adhesive.
PROPERTIES	AIRDEC-FL (Rigid) is a rigid product that is typically applied by hand to a variety of flat and simply contoured flooring applications.
TYPICAL APPLICATIONS	Aisle Floors Crew Rest Floors Entryway Floors Galley Floors Lavatory Floors
FORMAT	AIRDEC-FL (Rigid) is available in sheets nominally 48 and 54 inches (1219 and 1372 mm) wide, by 96 and 120 inches (2438 and 3050 mm) long. Other sizes available upon request.

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CHARACTERISTIC	TEST METHOD	UNIT	TEST VALUE	
THICKNESS without Grit, without PSA without Grit, with PSA with Grit, without PSA with Grit, With PSA	Micrometer after texturing	inch / mm	0.050 to 0.060 / 1.27 to 1.52 0.053 to 0.063 / 1.35 to 1.60 0.055 to 0.065 / 1.40 to 1.65 0.058 to 0.068 / 1.47 to 1.73	
WEIGHT without Grit, without PSA without Grit, with PSA with Grit, without PSA with Grit, with PSA	ASTM D 461 (11)	oz/yd ² / g/m ²	57 to 63 / 1920 to 2120 59 to 65 / 1990 to 2190 62 to 68 / 2100 to 2320 64 to 71 / 2170 to 2390	
ADHESION OF LAYERS	DMS 2290 4.5.4 and 3.4.4	pass / fail	pass	
COLORFASTNESS TO LIGHT	DMS 2292 4.5.2 and 3.4.2 FTMS No. 191 Method 5660	pass / fail	pass (no change after 50 hours)	
FLAMMABILITY (12 sec)	FAR 25.853 (d) FAR 25 App. F Pt. I	pass / fail	pass	
STATIC FRICTION	ASTM D 1894 Airbus Specification TL 25/5075/82	pass / fail	rubber - dry rubber - wet leather - dry leather - wet	pass pass pass pass
SLIDING FRICTION	ASTM D 1894 Airbus Specification TL 25/5075/82	pass / fail	rubber - dry rubber - wet leather - dry leather - wet	pass pass pass pass
APPLICATION TEMPERATURE with standard PSA	Experiment	°F / °C	70°F - 80°F / 21°C - 27°C	