

Technical Data Sheet



ATP Guard

Product: GL- 420

Product Description:

High-quality, monomeric textured REACH and RoHS compliant pvc for use in a wide variety of applications particularly harsh environment floor graphics(fulfills slip resistance standard DIN 51130 - R10 Rating), as well as pop-up materials. Furthermore this laminate can be used to protect UV printed medias.

Product structure:

Support	PVC-film, 170 µm, transparent
Interliner	One side siliconised surface-coated paper, white, 63 g/m ²
Adhesive	pure acrylic adhesive, Permanent, transparent
Total Thickness	0,20 mm
Adhesive weight	30 g/m ²

Characteristics:

		Average Value	Test Method
Adhesion on steel:	(after 24 h)	11 N / 25mm	AFERA 5001
Dimensional Stability:	MD	< -3 %	FTM 14
Dimensional Stability:	CD	< 1.5 %	FTM 14
Flammability:	On aluminium	self-extinguishing	DIN 75200

ATP adhesive systems AG
Sales International, R&D
Sihleggstr. 23, Postfach 127
CH - 8832 Wollerau
Telefon: +41(0)43/888-1515
Telefax: +41(0)43/888-1510
Email: info@atp-ag.ch

More Information can be found on:
www.atp-ag.com

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ATP adhesive systems GmbH
Vertrieb Deutschland
Eichenhofer Weg 71
D - 42279 Wuppertal
Telefon: +49(0)2339/909-750
Telefax: +49(0)2339/909-506
Email: info@atp-ag.com

Environmental Performance:

Chemical resistance:

Conditions	Appearance
24h at room temperature and 4h in propanol	no change
24h at room temperature and 48h in water	no change

Temperature resistance:

Conditions	Appearance
24h at room temperature and then 24h at 80°C	no change
24h at room temperature and then 24h at 140°C	no change

Humidity resistance:

Conditions	Appearance
24h at room temperature and then 24h at 38°C and 98% humidity	no change

Application temperature:	min. 8°C
End-Use Temperature range:	from -40°C to +80°C
Shelf life:	2 years (see application information)
Durability:	6 months floor graphic (indoor applications)

The estimated durability is based on accelerated ageing tests and refers to a vertical exposure under middle European climates. The durability of the product depends on the substrate's preparation, the atmospheric conditions and the environmental influence. Exposure to extreme conditions (tropical climate, high humidity, high UV-light exposure or polluted areas) can decrease the durability in a dramatically way.

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