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CATANIA

Our Train product line was developed specifically to meet the needs of rail system operators with respect to design, maintenance and standards compliance.

Fulfills the requirements of EN 45545-2, R21, with HL 1-3. This result is based on preliminary tests.

Train leather is produced from European raw hides in substance 1.1-1.3mm. Average hide size 50 sqft.

TECHNICAL PROPERTIES

<u>PROPERTY</u>	<u>MINIMUM VALUE</u>	<u>METHOD</u>
Thickness	1-1.3 mm	DIN 53326
Flexometer	100.000 Flexes	DIN EN 13334
Wet-Rubbing	200 cycles - 5	DIN EN ISO 11640
Dry-Rubbing	1.000 cycles - 5	DIN EN ISO 11640
Light Fastness	5	ISO 105-B02
Tear-Strength	25 N	DIN 53329
Abrasion (Taber Test)	2000 cycles	DIN 53109 CS-10 wheels, 500 g. weight

FIREPROOF CHARACTERISTICS

- Flammability: FAR 25853 Part. I
- Smoke density: AIRBUS ABD0031, BOEING BSS 7238
- Toxicity of gasses: AIRBUS ABD0031, BOEING BSS 7239

Other Technical or legal Requirements to which we comply.

- In accordance to the limited values of PCP, Chrome VI, aromatic amines indicated in the European regulation 2002/61/CE
- In accordance with the European regulation 2006/139/CE
- According to the European Regulation 2000/53/CE
- According to the European regulation 1907/ 2006 (REACH)