



GRABO

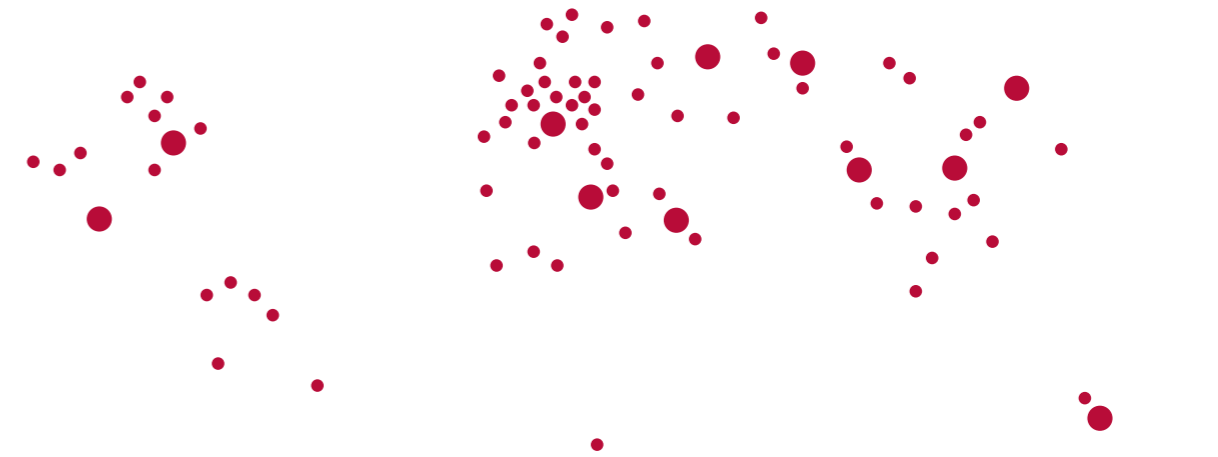
COMMERCIAL

FLOORINGS



WHY GRABO?

- **TRADITION**
Over 110 years of experience.
- **FLEXIBILITY**
A key factor of this long-term success is the ability to develop innovative, higher quality products with unique features.
- **INNOVATION**
Production is based exclusively on technologies and patented production processes developed and improved continuously by in-house R&D.
- **QUALITY**
A commitment to higher quality is the basis of every stage of development & manufacturing.
- **SUSTAINABILITY**
Grabo takes great effort to maintain a healthy environment for both its employees and world community.



ENVIRONMENTAL ATTRIBUTES OF GRABO FLOORINGS



PHTHALATE FREE TECHNOLOGY



100% RECYCLABLE



NO WASTE PRODUCTION



NO HARMFUL MATERIALS



NO WAX





Start of 24 Hr Betadine Test

TD2
Fortis

BONE



After 24 hours

TD2
Fortis

BONE



Betadine flaking off with tapping of sample

TD2
Fortis

BONE

Gently wiped with Neutral Cleaner

Zero Staining after Betadine on surface 24 hours

TD2
Fortis

BONE



TEST REPORT

DATE: 07-06-2016

TEST NUMBER: 0229530

CLIENT	Graboplast zRt
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TEST METHOD CONDUCTED	ASTM F925 24 Hour Standard Test Method for Resistance to Chemicals of Resilient Flooring
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Grabo Fortis
CONSTRUCTION	PVC

TEST RESULTS

24 HOUR RATINGS

STAINING AGENT	SURFACE DULLING	SURFACE ATTACK	COLOR CHANGE
5% Acetic Acid	0	0	0
70% Isopropyl Alcohol	0	0	0
Mineral Oil	0	0	0
5% Sodium Hydroxide	0	0	0
5% Hydrochloric Acid	0	0	0
5% Ammonia	0	0	0
Bleach	0	0	0
5% Phenol	0	0	0
Gasoline	0	0	0
Sulfuric Acid	0	0	0
Kerosene	0	0	0
Olive Oil	0	0	0
Betadine	0	0	0


RATING KEY
0 - No change (----)
1 - Slight change
2 - Moderate change
3 - Severe change

APPROVED BY:

This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory Inc. shall not be used under any circumstance in advertising to the general public.



Grabo Fortis

Technical parameter	Standard	Unit	Result
DESCRIPTION			
Construction			homogeneous flooring
Total thickness	EN ISO 24346	mm	2.0
Width of roll	EN ISO 24341	m	2
Length of roll	EN ISO 24341	lm	20
Wear layer thickness	EN ISO 24340	mm	2.0
Total weight	EN ISO 23997	kg/m ²	2.8
PERFORMANCE			
Abrasion group	MSZ EN 660-1	class	T
Fire resistance	EN 13501-1	class	Bfl-s1
Slip resistance	DIN 51130		R9
	EN 13893		DS
Thermal resistance		m ² K/W	0.012
Light fastness	EN ISO 105-B02	grade	6
Electrical resistance	EN 1815	kV	< 2
Chemical resistance	EN ISO 26987		✓
Hygiene			Bacterial resistant
Castor chair resistance	EN 425		✓
Surface treatment			Patented I-Guard
Environmental attributes			Phthalate-, solvent and heavy metal free
Static Load Limit	ASTM F970		Pass 1,100 PSI
Content of PCP	EN 12673		Does not contain
Formaldehyde emission	ENV 717-1		E1 (no emission)
CE MARKING	EN 14041		✓

GRABOPLAST Floor Covering Manufacturers Ltd.