



**ZENITH**™ **ZENITH** INDUSTRIAL RUBBER  
PRODUCTS PVT. LTD.

*Quality Rubber Solutions*

# DURA-TRANZ® FIRE RETARDANT

## Rubber Floor Coverings



[www.zenithrubber.com](http://www.zenithrubber.com)

## ZENITH RUBBER

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**Zenith Industrial Rubber Products** Private Limited, has been a leading manufacturer and exporter of high-quality industrial rubber sheeting products since its establishment in 1965. With a strong focus on delivering excellence, Zenith offers a diverse range of products including wear-resistant rubber sheets, antiskid flooring, Fire Retardant Rubber Floor Covering, water-proofing membranes, coated fabrics, rubber inflatables, rubber moulded and extruded profiles.

With an installed capacity of **90 tons of rubber compound per day**, Zenith continues to strengthen its position in both domestic and international markets.

### **DURA – TRANZ®**

## **FIRE RETARDANT RUBBER FLOOR COVERING**

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Zenith floor coverings are meticulously crafted to cater to the precise needs of the global transportation industry, encompassing rail vehicles, buses, shipbuilding, and the offshore sector. Our commitment to customer satisfaction remains at the forefront of everything we do.

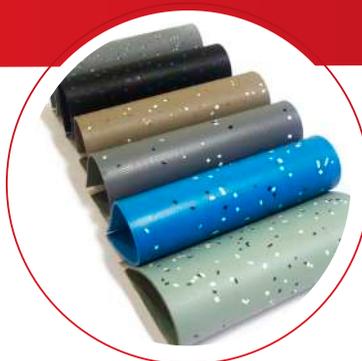
Fire Retardant rubber floor coverings is a tailored range of floor coverings specially formulated to meet the exacting specifications of the worldwide transportation industry. Unlike many manufacturers Zenith has carefully selected products appropriate to their application, that are neither over nor under engineered for their purpose.

Manufactured as per specification EN 45545 R 10 HL 2/ HL3, International Maritime Organization (IMO), UL94.

Halogen Free Floorings, Technical Floorings For Fire resistance & Smoke Toxicity.

Manufacturing Capacity - 50, 000 m<sup>2</sup> per month.

Tested by Warrington Fire Lab U.K, LAPI Lab Italy, IGNITO Lab India.



## RUBBER FLOOR COVERING-FIRE RESISTANT & HALOGEN FREE

PROPERTIES	TEST METHOD	VALUES
		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.50 (±0.05)
HARDNESS	ISO 7619	80 (± 5)
ELONGATION AT BREAK ( min )	ASTM D412	250 %
ABRASION RESISTANCE @ 5N load ( max )	ISO 4649, Procedure A	400 mm <sup>3</sup>
TEAR RESISTANCE ( Angular ) min	ISO 34-1, Method B, Procedure A	27 N/mm
RESIDUAL INDENTATION	EN ISO 24 343	Mean Value ≤ 0.15 at Thickness <2.5
FLEXIBILITY	EN ISO 24 344, Procedure A	Mandrel Diameter 20 mm, No fissuring
DIMENSIONAL STABILITY	EN ISO 23 999	±0.4%
SLIP RESISTANCE	DIN 51130	R 10 (Finely-structured surface
IMPROVEMENT IN FOOTBALL SOUND ABSORPTION	ISO 10 140-3	6 dB
ELECTROSTATIC BEHAVIOUR WHEN BEING WORKED ON	EN 1815	Antistatic, Charging in case of rubber soles < 2 kV
HAZARD LEVEL	EN 45 545	HL3
FIRE BEHAVIOUR	BS 476, Part 7 Vehicle cat. La acc. To BS 6853	CLASS 2
SMOKE DENSITY	BS 6853, Annex D.8.6	AO ≤ 220
SMOKE TOXICITY	BS 6853, Annex B	R ≤ 5
OXYGEN INDEX	ISO 4589	28% Min
OZONE RESISTANCE	ASTM D 1149	EXCELLENT
— DILUTE ACIDS AND BASES		GOOD
— CONCENTRATED ACIDS AND BASES		FAIR
TEMPERATURE RANGE		-40° to + 140°C
COLOUR	Black, Blue, Red, Green, Yellow, Grey, Off White and As per Customer Requirement	

NOTE :- “ \* “ DENOTES AS PER CUSTOMER REQUIREMENT AND STANDERD SPECIFICATIONS



FR - 001 ROYAL BLUE



FR - 002 SEA GREEN



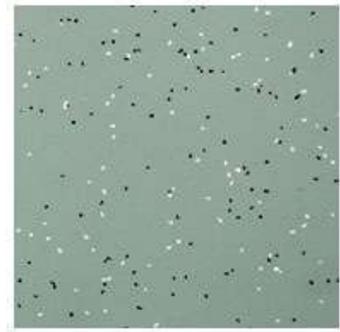
FR - 003 MAHOGANY



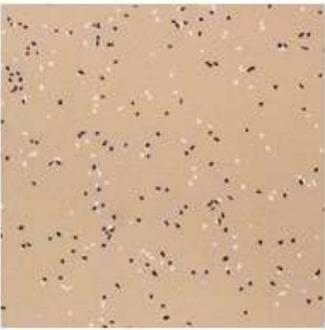
FR - 004 DARK GREY



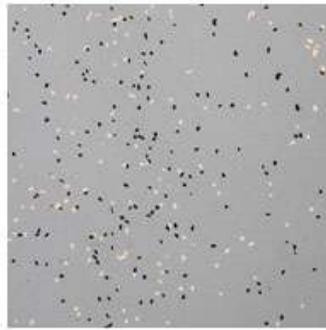
FR - 005 BLACK



FR - 006 LIGHT GREEN



FR - 007 SAND YELLOW



FR - 008 LIGHT GREY



FR - 009 OLIVE GREEN

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