

TERRAIN[®]
RESILIENT IN EVERY SENSE

FLOORINGS

TERRAC[®]

PREMIUM RUBBER UNDERLAY FOR ACOUSTIC INSULATION



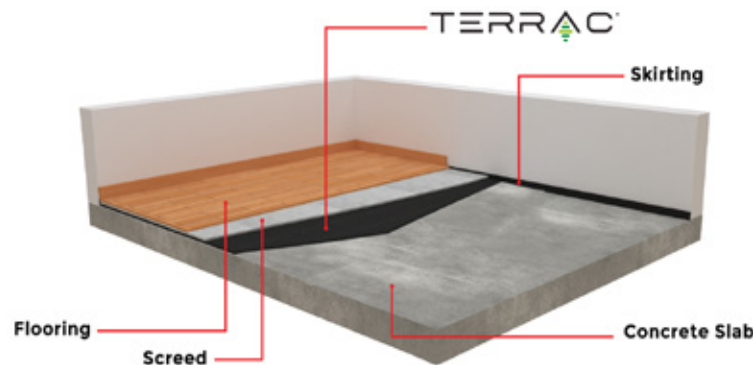
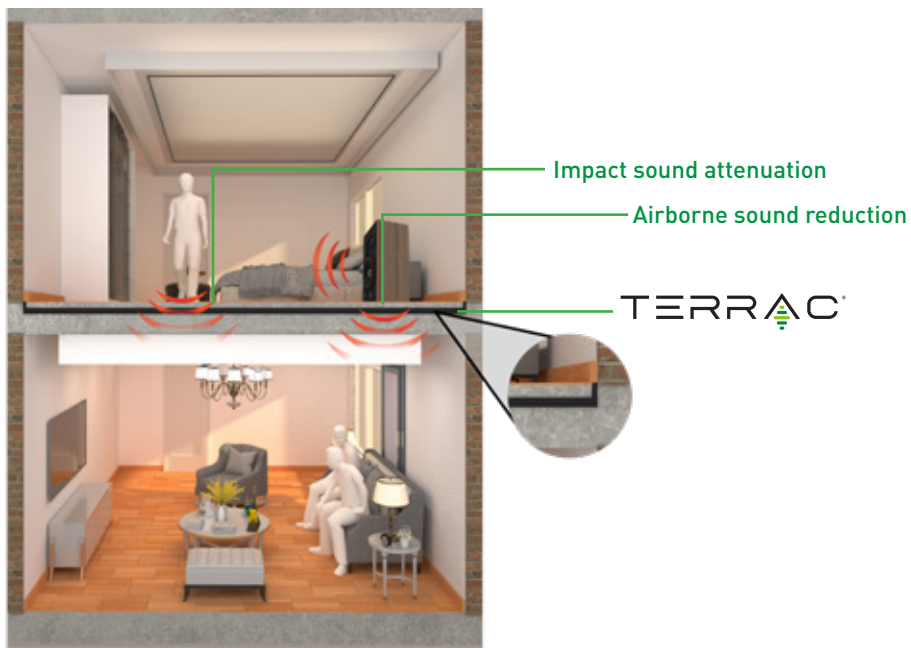
DESIGNED AND DEVELOPED BY TERRAIN[®] IN UAE

Introducing Terrac Acoustic Rubber Underlays - an effective solution to combat unwanted noise transmission in multi-storied buildings. Made using recycled rubber granules, Terrac is designed to reduce both airborne and impact sounds (like speech, loud music, footsteps, structural noise, and more) without compromising on durability or resilience.


Available in easy-to-handle rolls and in different thickness options, Terrac is extremely simple to install and is the clear choice for noise reduction in any space. Experience the difference with Terrac Acoustic Rubber Underlays.

APPLICATIONS


- Industrial buildings and machinery foundations
- Residential, commercial and high-rise buildings
- Gyms, clubs and dancing floors
- Hotels, offices and medical facilities
- Recording studios and movie theaters



TEST RESULTS STC (SOUND TRANSMISSION CLASS), IIC (IMPACT INSULATION CLASS) AND ΔIIC AS PER ASTM STANDARD

Standard	Thickness	Flooring	Density	STC	IIC	ΔIIC
 ASTM INTERNATIONAL E90, E492, E2179 tested by intertek Total Quality. Assured.	3 mm	Ceramic	700	52 dB	51 dB	20 dB
		Vinyl		50 dB	57 dB	24 dB
		Ceramic	950	53 dB	50 dB	20 dB
		Vinyl		51 dB	56 dB	25 dB
	5 mm	Ceramic	700	53 dB	52 dB	21 dB
		Vinyl		52 dB	57 dB	24 dB
		Ceramic	950	52 dB	51 dB	20 dB
		Vinyl		51 dB	56 dB	24 dB

TEST RESULTS Rw (SOUND REDUCTION INDEX), Ln, w (IMPACT SOUND REDUCTION) AND ΔLn, w AS PER ISO STANDARD

Standard	Thickness	Flooring	Density	Rw	Ln, w	ΔLn, w
 ISO 10140-2, 10140-3 tested by intertek Total Quality. Assured.	3 mm	Ceramic	700	54 dB	59 dB	16 dB
		Vinyl		53 dB	53 dB	21 dB
		Ceramic	950	54 dB	60 dB	16 dB
		Vinyl		53 dB	53 dB	21 dB
	5 mm	Ceramic	700	54 dB	58 dB	17 dB
		Vinyl		53 dB	53 dB	21 dB
		Ceramic	950	54 dB	59 dB	16 dB
		Vinyl		53 dB	54 dB	19 dB

Tested on 152mm concrete floor with upper floor (ceramic/vinyl without screed and ceiling system)

BENEFITS AND PROPERTIES

TERRAIN®

Properties	TUL 03		TUL 05		TUL 10
Density (Kg/m ³)	700	950	700	950	950
Thickness (mm)	3		5		10
Tensile Strength (Mpa)	0.2-0.3	0.8-0.9	0.2-0.3	0.6-0.7	0.8-0.9
Elongation Break (.%)	18-29	44-60	18-29	37-42	62-106
Tear Strength (Kn/m)	3.1-3.6	5.7-7.6	3.1-3.6	5.3-6.1	6.5-7.2
Shore A Hardness	30 - 40	50 - 60	30 - 40	50 - 60	50 - 60
Slip Resistance (Wet pendulum)	Class X				
Slip Resistance (Dry pendulum)	Class F				
Temperature (°C)	-25 to 105				



Excellent
Sound Insulation



Environment
Friendly



High Mechanical
Strength



Resistant to
Mold & Fungi*



Prevents Screed
Cracking



Support for
Floor Finishing



Long Lasting
and Durable

*Conditions Apply

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FLOORINGS

Established in 1994, Terrain® Floorings is an ISO 9001 certified manufacturer and installer of resilient flooring solutions that deliver well-being and performance.



Al Khaleej Polymers Rubber &
Plastic Industries LLC
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