



NOMA[®]PARKETT EXPERT



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Engineering your security





NOMA®PARKETT EXPERT

Better quality of living...

NMC has been delivering imaginative products and highly developed technology for half a century, all combining to give a lasting feel-good factor. Our core strengths lie in the development, production and international marketing of technical foams. We have complete mastery over the relevant technological processes for converting raw materials in a highly complex and precise production process.

NMC offers safety and comfort. In the area of construction technology, we create solutions offering users, after installation in the widest range of applications, decades of efficient separation of heat and cold, dampness and dryness, noise and quietness, or connecting them together in the optimum ratio. Here a central product segment provides our solution in the field of insulating layers.

In order to meet the varied demands in the field of insulating layers, we are now offering the NOMA® PARKETT EXPERT product line for processors and clients with extremely high requirements. NOMA® PARKETT EXPERT is just what you need to enhance your quality of life.

NMC – Engineering your security

BLACK GOLD



Premium combined underlay with integrated moisturestop film. Very high impact noise insulation and good improvements to footfall noise, made from highly elastic polymer, elastised with a special moisturestop film. Also suitable for use with underfloor heating.

- Deadens impact noise: $\Delta L_w = 22$ dB
- Improves footfall noise: 32%
- Suitable for use when laying click-system laminate flooring, thanks to the smooth surface, and for cork and floating parquet floors in areas with normal traffic levels
- Thermal resistance: $\pm 0,041$ m²K/W
- Sd value: > 100m
- Offers high resistance to compression of 9 1/m² and shape retention
- Odour-free and roll-free



BLACK SILVER



High-quality all-round underlay with integrated moisturestop foil. Exceptional footstep noise improvement and good impact noise reduction, made from highly compressed polymer, elastised with a moisturestop foil. Ideal for use with underfloor heating.

- Deadens impact noise: $\Delta L_w = 21$ dB
- Improves footfall noise: 34%
- Suitable for use when laying click-system laminate flooring, thanks to the smooth surface, and for cork and floating parquet floors in areas with high traffic levels
- Thermal resistance: $\pm 0,004$ m²K/W
- Sd value: > 200m
- Offers high resistance to compression of 50 1/m² and shape retention
- Odour-free and roll-free



BLACK



Special underlay made from highly elastised polymer. Good footstep noise improvement and impact noise reduction. Suitable for use with underfloor heating.

- Deadens impact noise: $\Delta L_w = 20$ dB
- Improves footfall noise: 27,5%
- Suitable for use when laying click-system laminate flooring, thanks to the smooth surface, and for cork and floating parquet floors in areas with normal traffic levels
- Thermal resistance: $\pm 0,039$ m²K/W
- Offers high resistance to compression of 9 1/m² and shape retention
- Odour-free and roll-free



BLACK VINYL



Special underlay made from highly elastised polymer. Good footstep noise improvement and impact noise reduction. Suitable for use with underfloor heating.

- Deadens impact noise: $\Delta L_w = 19$ dB under design-PVC with floating parquet, 22 dB under laminate
- Improves footfall noise: 32%
- Suitable for use when laying click-system laminate flooring, thanks to the smooth surface, and for cork and floating parquet floors in areas with normal traffic levels
- Thermal resistance: $\pm 0,0216$ m²K/W
- Offers high resistance to compression of 12 1/m² and shape retention
- Odour-free and roll-free



UNIVERSAL ROLL



3-ply PE moisturestop foil (120 µm) with triple protection. Laminated special foil made from top-quality raw materials.

- Very high vapour diffusion resistance: Sd value > 150m
- Provides lasting protection for wood, parquet and laminate floors from rising residual damp in the substrate
- High resistance to tearing and pressure thanks to 3-ply construction
- Simple and quick to fit
- Odour-free

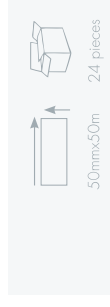


ADHESIVE & FIX



Aluminium-coated adhesive tape for underlay

- Seamless connection of floor underlays
- Vapour-tight





QUESTIONS & ANSWERS

What do we mean by **footfall noise**?

This term includes all sounds generated by mechanical agitation of the floor, which are transmitted to neighbouring rooms and rooms underneath.

What do we mean by **mechanical agitation**?

Running, playing, work activities, falling items, etc.

What is **footfall noise insulation**? (according to DIN EN ISO 140-8)

It means reducing the transmission of impact noise into adjoining rooms.

What do we mean by **impact noise**?

Noise travelling in solid materials.

What is **footfall or reverberant sound**? (according to IHD 413 or EPLF)

It characterises the noise event perceived by walking on a floor in the occupied room.

What is **dynamic rigidity**? (according to DIN EN 29052-1)

This defines the resilience of the substrate including the small air bubbles incorporated in the materials.

What is the **water vapour diffusionresistance**? (according to DIN EN 12086)

This is the resistance of a material to diffusing water vapour.

What is **diffusion**?

It is the mingling of two substances to balance out differences in concentrations.

What do we mean by the **Sd value**?

The Sd value indicates the diffusion-equivalent air layer thickness. For example: a material with an Sd value of 150 m offers the same resistance (against penetration) to a water molecule as a layer of air 150 m thick.

Ranges of Sd values:

Sd ≤ 0.5 m => diffusionopen

0.5 m < Sd diffusion-blocking

Sd ≥ 1500 m ≥ 1500 m => diffusionproof

What do we mean by **compression strength**? (according to ISO 844)

This refers to the resistance of a material to a load per surface. Where the load exceeds the resistance, the structure of the material is destroyed.



Reduction of the walking sound



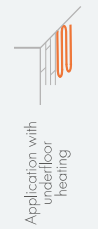
Step sound absorption



Improvement of the thermal insulation



Sure protection against arising humidity

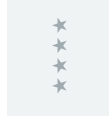


Application with underfloor heating

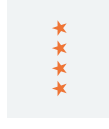


Compression strength

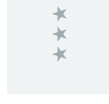
BLACK GOLD
2 mm



BLACK SILVER
1,5 mm



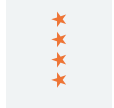
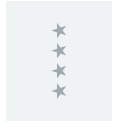
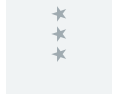
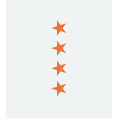
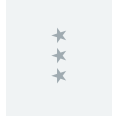
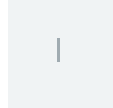
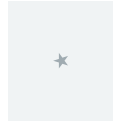
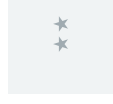
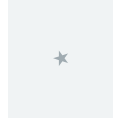
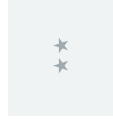
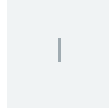
BLACK
2 mm



BLACK VINYL
1 mm



UNIVERSAL
0,12 mm



★ ★ ★ Ideally suited ★ ★ ★ Well suited ★ ★ ★ Suited ★ ★ ★ Suited but with restrictions — Not suited
 ★ ★ ★ ★ ★ Our product recommendation according to application criteria



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