

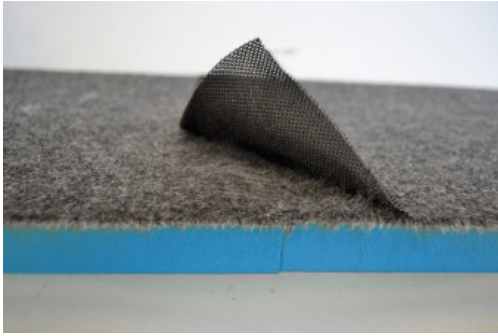


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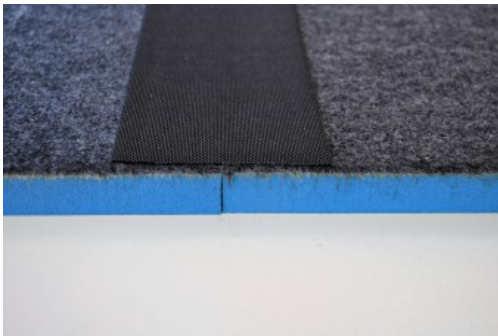


**INNOVATIONS  
AND TRENDS**

## Sub ballast mat: Soft spring is a constant in vibration isolation



Sub ballast mat SBM PN 22-0.02 with new hook-and-loop-system



Sub ballast mat SBM PN 22-0.02 with new hook-and-loop-system

At InnoTrans 2018, KRAIBURG Purasys GmbH & Co. KG will present the newly developed sub ballast mat SBM PN 22-0.02 (25 mm incl. fleece lamination) made of closed-cell material with low dynamic stiffness. The dynamic bedding modulus is only slightly higher than the static bedding modulus of 0.02 N/mm<sup>3</sup>. It is fully tested according to DIN 45673-5 and further reduces vibration and shock emissions. The sub ballast mat is supplied with the new SBM hook-and-loop-system which further simplifies laying and bonding of two mats. It can be used for underground, tram and mainline railways with axle loads up to 16 t and speeds up to 120 km/h.

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Subject to further change