

Technical Data Sheet

BarySkin® V60

 — layer of material

BarySkin® V60 is a solvent-free two-component (2K) system based on polyurethane.

Technical Data			
Density (approximate)	[g/cm ³]	1.7	
Minimum thickness	[µm]	300	
Temperature damping maximum	[°C]	30	
Dust dry (approximate)	[h]	5	
Ultimate hardness - dry-to-handle - hard-wearing - fully cured at 20 °C	[h]	after 6 - 12 after 12 - 24 after 48	
Mixture ratio A : B		6 : 1	
Shear strength DIN 53357 (approximate)	[N/mm]	7.5	
Combustibility FMVSS 302 DIN 75200		flame resistant	
Burning behavior DIN EN 45545-2:2016		CHF-value smoke toxicity CIT _G	R10, HL2 R10, HL3
Resistance		oil, petrol, diesel, splash-water, rock fall, de-icing salt, frost protection,	
Slight surface swelling		battery acid, cold cleaner	

Main function: Structure-borne sound insulation (anti-drumming), corrosion protection, sealant, adhesive

Applications: Sound insulation cabins, vehicle cabs, mechanical engineering, partition walls, electrical apparatus construction, enclosures, sandwich structures, ship- and yacht building etc.

Processing: Attention should be paid to our processing instructions!

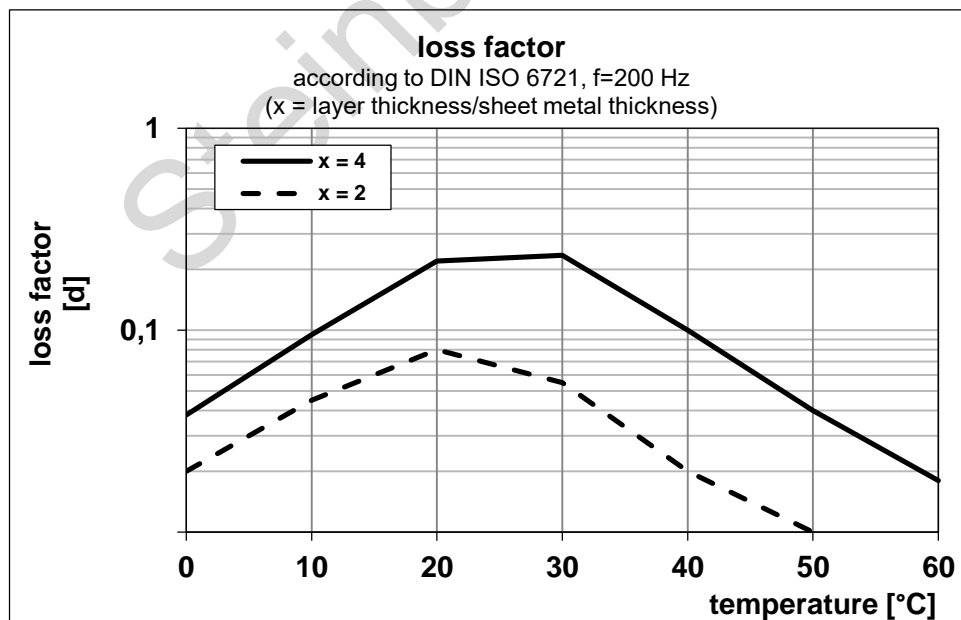
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Underground preparation	Good adhesion to normal primers. The underground has to be clean, dry and free from grease and oil. Steel and metal: sandblast SA 2 ½ or grinding C – St2 according to SIS-norm. Gel coat: Grinding with sand-paper, granulation 60 to 80, crosswise.
Processing temperature	Between +5 °C and +35 °C
Processing	Exact mixing ratio is important! Hand-processing (cup-processing) intensive mixing of wall-zones, probably transfer to second cup. Stir well component A before use. A layer wise filling of cups is possible, unmixed material does not harden! Keep away moisture during hardening time. Spraying: start into bucket
Potlife/ interval time	(Approximate) 30 min / 7 days
Revision	The revision with an adhesion mediator (primer) as well as grinding and roughening up are possible.

Storage conditions: Dry between 15 - 20 °C. Protect against frost and blazing sun!
 Max storage time: From production date 24 months in unopened original package

Delivery forms: The material is available in bundles separately from 7 kg of total quantity, components A and B in the correct mixing proportion packaged.



The technical data (average values) as well as material information are based on our present knowledge and experiences. They free the user because of the fullness of possible influences by the application of our products, however, not from own tests and attempts in the approach of the real application. Because of the peculiarities of every individual case we can take over no liability for our indications. On request we are available gladly with information.