

Two Teknik ApS
Post address
Korngården 10 Gate B
4660 Store Heddinge
Attn. Tim Warner

Brøndby, April 24, 2024

123-34350 Page

1 of 3

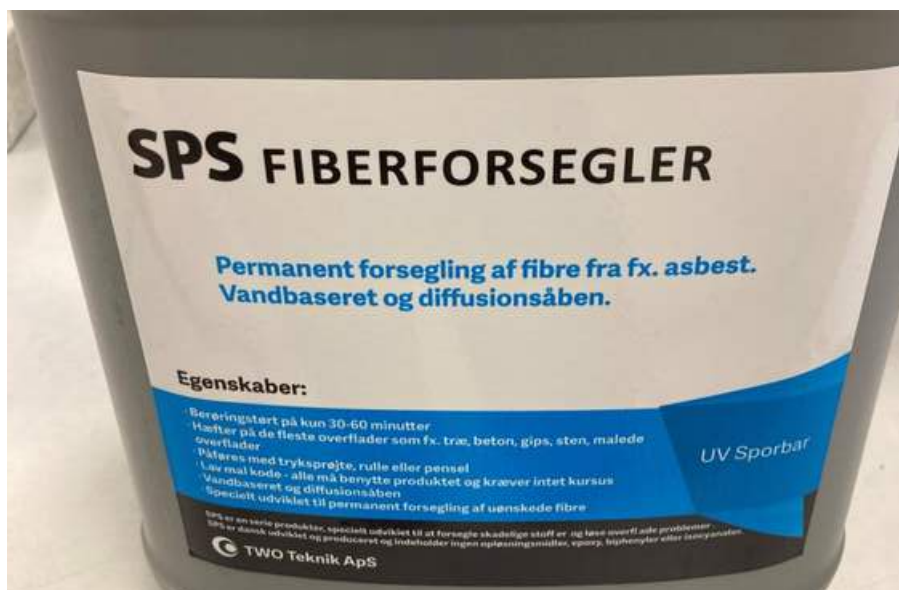
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lru/lru

REPORT

TWO TECHNIQUE - Water vapor permeability test

of asbestos sealant



Leif Rasmussen

2024-04-24

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The test results apply exclusively to the tested items.

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Samples received date:	25-1-24
Sample ID (Customer's):	
Analyses and tests performed in:	Brøndby
Analyses performed by:	Iru
Analyses performed date:	1-3-24



1 Test and task description

TWO Teknik would like to have it tested to see if your asbestos sealant is diffusion-permeable.

2 Water vapor permeability

To test the water vapor permeability of the fiber sealant, tests were performed on paper treated with the same layer and dilution as in normal use. A dilution of 1 to 3 is prescribed on non-absorbent substrates, and 1 to 5 on absorbent substrates. The test was performed with both solutions. The paper was sprayed so that it had a wet shiny surface and was then allowed to dry completely before testing. The test was performed according to ASTM F-1249, where testing is performed at 38°C and 90% rel. humidity and the result is stated in grams per m² that penetrates in 24 hours.

123-34350 Vanddamperabilitet							
20240321/HEH	Test Methods						
20240322/HEH	ASTM F-1249:						
20240325/HEH	Testing Conditions: 37.8°C / 100°F, 90% Relative Humidity						
Prøve nr.	Mrk.	2024-03-21 kl.10.30 (g)	2024-03-22 kl.10.30 (g)	Forskel fra start (g)	2024-03-25 kl.11.15 (g)	Forskel fra start (g)	Vanddamp permabilitet gram/m ² per 24 timer
1/3-A	2	167,5131	173,7651	6,25	175,2263	7,7132	796,4
1/3-B	3	167,7764	174,5203	6,74	175,542	7,7656	859,1
1/5-A	7	165,9454	172,9543	7,01	173,1957	7,2503	892,9
1/5-B	4	167,0601	173,3775	6,32	174,629	7,5689	804,8
Det viser sit at tørre materialet er helt befugtet efter 24 timer efter som der ikke er forskel mellem 24 og 72 timer.							
Resultatet er at behandlingen er helt Diffusions åben							

The test shows that the amount that can be absorbed by the granules inside the cup was already absorbed by the 24 hours.
 The result is that there is a water vapor permeability of approximately 820 g/m² per 24 hours. Or in other words, to The sealer is completely open to diffusion.

3 Conclusion

In terms of water vapor permeability, the sealant is completely diffusionopen.