


INTERNAL REPORT No 125/2024**„INSTALLATION TESTS OF M-BASE GLUE
WITH FUTURA AND VINYLPUBLIC DRYBACK FLOORS”****1. Research Subject:**

Floor type:	FUTURA DRYBACK floor VINYLPUBLIC DRYBACK floor
Underlay type:	M-BASE GLUE underlay
Adhesive type:	UZIN KE 2000 S – dierspersive adhesive UZIN KE 68 – silane adhesive

2. Shear force tests – installation of M-BASE GLUE underlay

Standard:	EN ISO 22632:2019 – Adhesives - Test methods for adhesives for floor and wall coverings - Shear test						
Results:	<p>Shear force for the M-BASE GLUE Underlay installed on the cement plates with the use of the UZIN KE 2000 S adhesive measured after 7 and 28 days is shown in the Table below:</p> <table border="1"> <thead> <tr> <th></th> <th>M-BASE GLUE + UZIN KE 2000 S</th> </tr> </thead> <tbody> <tr> <td>7 days</td> <td>0,267 +/- 0,009 N/mm²</td> </tr> <tr> <td>28 days</td> <td>0,257 +/- 0,011 N/mm²</td> </tr> </tbody> </table> <p>The shear force values are below required 0,300 N/mm². However, it should be emphasized that all of the tests ended because of the tearing of the underlay and not because of the poor glue connection what is shown in the picture below.</p> 		M-BASE GLUE + UZIN KE 2000 S	7 days	0,267 +/- 0,009 N/mm ²	28 days	0,257 +/- 0,011 N/mm ²
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3. Shear force tests – installation of DRYBACK floors

Standard:	EN ISO 22632:2019 – Adhesives - Test methods for adhesives for floor and wall coverings - Shear test		
Results:	Shear force values for the FUTURA DRYBACK and VINYLPUBLIC DRYBACK floors installed on the cement plates with the use of the UZIN KE 68 adhesive measured after 7 and 28 days are shown in the Table below:		
		M-BASE GLUE + UZIN KE 68 + FUTURA DRYBACK floor	M-BASE GLUE + UZIN KE 68 + VINYLPUBLIC DRYBACK floor
	7 days	0,587 +/- 0,065 N/mm ²	0,715 +/- 0,087 N/mm ²
	28 days	0,642 +/- 0,063 N/mm ²	0,736 +/- 0,239 N/mm ²
The shear force values for all analyzed materials are clearly above the required 0,300 N/mm ² .			

4. Summary:

On the basis of the performed tests it should be stated that M-BASE GLUE underlay can be installed with the use of UZIN KE 2000 S adhesive. The FUTURA DRYBACK and VINYLPUBLIC DRYBACK floors can be installed with the use of UZIN KE 68 glue on the M-BASE GLUE underlay.

The person conducting the examination:

dr Arkadiusz Niemczyk