

# DIN EN 17101:2018-11 (E)

## Thermal insulation products for buildings - Methods of identification and test methods for one-component PU adhesive foam for External Thermal Insulation Composite Systems (ETICS)

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
Introduction .....		4
<b>1</b>	<b>Scope .....</b>	<b>5</b>
<b>2</b>	<b>Normative references .....</b>	<b>5</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>5</b>
<b>4</b>	<b>Symbols and units .....</b>	<b>5</b>
<b>5</b>	<b>Test methods .....</b>	<b>6</b>
5.1	General .....	6
5.2	Common rules applicable to all tests .....	7
5.2.1	General .....	7
5.3	Foam density .....	7
5.3.1	Test apparatus and materials .....	7
5.3.2	Test procedure (see Figures 1 to 3) .....	8
5.3.3	Calculation of results .....	9
5.4	Tack free time .....	9
5.4.1	Test apparatus and materials .....	9
5.4.2	Test procedure (see Figures 1 to 3) .....	9
5.4.3	Calculation of results .....	10
5.5	Cutting time .....	10
5.5.1	Test apparatus and materials .....	10
5.5.2	Test procedure .....	11
5.5.3	Calculation of results .....	11
5.6	Post application expansion behaviour .....	12
5.6.1	Test apparatus and materials .....	12
5.6.2	Test procedure .....	13
5.6.3	Calculation of test results .....	13
5.7	Cohesion strength .....	15
5.7.1	Test apparatus and materials .....	15
5.7.2	Test procedure .....	16
5.7.3	Calculation of test results .....	19
5.8	Shear strength .....	20
5.8.1	Test apparatus and materials .....	20
5.8.2	Conditioning .....	20
5.8.3	Preparation of the three test specimen .....	20
5.8.4	Test procedure .....	21
5.8.5	Calculation of test results .....	22
<b>6</b>	<b>Test report .....</b>	<b>23</b>