

DIN EN 14315-2:2013-04 (E)

Thermal insulating products for buildings - In-situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products - Part 2: Specification for the installed insulation products

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms, definitions, symbols and abbreviations	4
3.1	Terms and definitions	4
3.2	Symbols and abbreviations	6
4	Requirements	6
4.1	General	6
4.2	Suitability of the building for the installation of the product	6
5	In-situ measurements and calculations	6
5.1	Declared installed insulation thickness	6
5.2	Declared installed aged thermal resistance, RD	6
5.3	Declared installed insulation density	6
5.4	Foam quality checks carried out by the installer	7
6	Guidelines for installation	7
7	Installer's declaration	7
Annex A (normative) Method of the determination of the declared installed insulation thickness		8
Procedure		8
Annex B (normative) Methods for the determination of the declared installed insulation density		9
B.1	Principle	9
B.2	Procedure	9
B.2.1	General	9
B.2.2	Destructive testing	9
B.2.3	Non-destructive testing	9
B.3	Test report	9
Annex C (normative) Immersion method for the determination of the declared installed insulation density		10
C.1	Scope	10
C.2	Principles	10
C.3	Necessary equipment	10
C.4	Products and reagents	10
C.5	Procedure	10
C.6	Results	11
Annex D (normative) Suitability of the building to receive the insulation product		12

D.1	Building	12
D.2	Site survey	12
Annex E (normative) Installation guidelines		13
E.1	General	13
E.2	Substrate preparation	13
E.3	Substrate conditions	13
E.4	Spraying machine preparation	13
E.4.1	Preparation	13
E.4.2	Mixing ratio	13
E.5	Spraying procedure	14
E.6	Protection against UV radiation	14
E.7	An example of a suitable declaration form which can be used by the installer	15
Bibliography		16