

ISO 8873-1:2006-12 (E)

Rigid cellular plastics - Spray-applied polyurethane foam for thermal insulation - Part 1: Material specifications

Contents	Page
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Requirements	3
4.1 General requirements	3
4.2 Categories	3
5 Sampling	4
5.1 General	4
5.2 Preparation of sample panels	4
5.3 Conditioning of sample panels	4
5.4 Preparation of specimens	4
6 Test methods	5
6.1 Air permeance	5
6.2 Apparent core density	5
6.3 Compressive strength	5
6.4 Dimensional stability	5
6.5 Surface burning characteristics	5
6.6 Open-cell content: Volume	5
6.7 Initial thermal resistance	5
6.8 Long-term thermal resistance (LTTR)	6
6.9 Tensile strength	6
6.10 Substrate adhesion	7
6.11 Volatile organic emissions	7
6.12 Water absorption	7
6.13 Water vapour permeability	7
7 Reporting requirements	7
8 Marking, labelling and packaging	8
8.1 Packaging	8
8.2 Marking and/or labelling	8
9 Manufacturer's documentation	8