

ISO 8873-2:2007-05 (E)

Rigid cellular plastics - Spray-applied polyurethane foam for thermal insulation - Part 2: Application

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Requirements	3
4.1	Manufacturer	3
4.2	Spray polyurethane foam contractor	3
4.3	Spray polyurethane foam installer	4
4.4	Apprentice installer	6
4.5	Material	6
4.6	Equipment	6
4.7	Installation	6
5	Applications	8
5.1	General	8
5.2	Air barrier system application	8
5.3	Vapour barrier application	8
5.4	Exterior foundation insulation application	8
5.5	Interior foundation insulation application	8
5.6	Cathedral ceilings, flat ceilings and decks over heated spaces	8
5.7	Attic application, exterior (cavity) and interior wall application	8
6	Sampling	8
7	Test methods	9
7.1	Determination of density	9
7.2	Cohesion and adhesion test	10
7.3	Verification of substrate (application surface) preparation	10
7.4	Reporting requirements	10
8	Manufacturer's marking	11
9	Manufacturer's documentation	12
10	Limitations	12
Annex A (normative) Substrate preparation		13
Annex B (normative) Selection of chemical components (system)		16
Annex C (informative) Climatic factors		17
Annex D (normative) Job-site set up		18
Annex E (informative) Trouble shooting and repair		20

Annex F (normative) Handling and safety precautions	22
Annex G (normative) Disposal and detoxification of drums	25
Annex H (informative) Daily work record	27
Annex I (informative) Example of job site label	29
Annex J (informative) Outline of licensed installer training programme	30
Annex K (normative) Minimum equipment for site test kit	36
Bibliography	37