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**Spray-applied rigid polyurethane foam for  
thermal insulation**

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## Contents

		Page
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	2
4	Classification .....	3
5	Quality .....	4
6	Tests .....	5
6.1	Test of spray-applied rigid polyurethane foam stock solution .....	5
6.2	Test of spray-applied rigid polyurethane foam .....	5
7	Inspections .....	7
8	Marking .....	8
9	Information provided by manufacturer of spray-applied rigid polyurethane foam stock solution to constructor of spray-applied rigid polyurethane form .....	8
Annex A (informative)	Format example of standard for use of stock solution .....	9
Annex B (informative)	Simplified density test method .....	10
Annex C (informative)	Comparison table between previous and current editions of this Standard on technically significant revisions .....	12

## Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Act. This edition replaces the previous edition (**JIS A 9526** : 2017), which has been technically revised.

However, **JIS A 9526** : 2017 may be applied in the **JIS** mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 19 December 2023.

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# Spray-applied rigid polyurethane foam for thermal insulation

## 1 Scope

This Standard specifies requirements for the stock solution of spray-applied rigid polyurethane foam for thermal insulation mainly used for the thermal insulation working at construction site and the thermal insulation products manufactured in factory.

**NOTE** In this Standard, the specification of the quality of spray-applied rigid polyurethane foam for thermal insulation obtained when it is spray-applied under definite conditions where the actual application is assumed, can make it easier for constructors and others to select the stock solution of spray-applied rigid polyurethane foam for thermal insulation.

A list of technically significant revisions from the previous edition with reasons is given in Annex C.

## 2 Normative references

Part or all of the provisions of the following standards, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS A 1324 *Measuring method of water vapor permeance for building materials*

JIS A 1412-1 *Test method for thermal resistance and related properties of thermal insulations — Part 1 : Guarded hot plate apparatus*

JIS A 1412-2 *Test method for thermal resistance and related properties of thermal insulations — Part 2 : Heat flow meter apparatus*

JIS A 9511 *Preformed cellular plastics thermal insulation materials*

JIS K 7100 *Plastics — Standard atmospheres for conditioning and testing*

JIS K 7117-1 *Plastics — Resins in the liquid state or as emulsions or dispersions — Determination of apparent viscosity by the Brookfield Test method*

JIS K 7117-2 *Plastics — Polymers/resins in the liquid state or as emulsions or dispersions — Determination of viscosity using a rotational viscometer with defined shear rate*

JIS K 7220 *Rigid cellular plastics — Determination of compression properties*

JIS K 7222 *Cellular plastics and rubbers — Determination of apparent (bulk) density*

JIS K 7225 *Rigid cellular plastics — Determination of water vapour transmission*