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## ISO 9239-1:2010 Reaction to fire tests for floorings - Determination of the burning behaviour using a radiant heat source

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Abbreviation  
ISO 9239:1:2010  
Valid from  
31/05/2010

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Information provider  
International Organisation for Standardization  
Author  
International Organization for Standardization  
Information type  
ISO Standard  
Format  
PDF, Hard copy

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### Description

ISO 9239-1:2010 specifies a method for assessing the wind-opposed burning behaviour and spread of flame of horizontally mounted floorings exposed to a heat flux radiant gradient in a test chamber, when ignited with pilot flames.

This method is applicable to all types of flooring. e.g. textile carpet, cork, wood, rubber and plastics coverings as well as coatings. Results obtained by this method reflect the performance of the flooring, including any substrate if used. Modifications of the backing, bonding to a substrate, underlay or other changes of the flooring may affect test results.

ISO 9239-1:2010 is applicable to the measurement and description of the properties of floorings in response to heat and flame under controlled laboratory conditions. It should not be used alone to describe or appraise the fire hazard or fire risk of floorings under actual fire conditions.

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- [ISO 13943:2008](#)

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- [ISO 14697:2007](#)

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