

# DIN EN 14041:2018-05 (E)

## Resilient, textile, laminate and modular multilayer floor coverings - Essential characteristics

---

<b>Contents</b>	<b>Page</b>
European foreword .....	4
1 Scope.....	6
2 Normative references.....	6
3 Terms and definitions .....	9
4 Essential characteristics.....	9
5 Assessment and verification of constancy of performance (AVCP).....	21
6 Marking and labelling .....	31
Annex A (informative) Product standards for resilient, textile, laminate and modular multilayer floor coverings .....	32
Annex B (normative) Determination of content of pentachlorophenol (PCP) in resilient and textile floor coverings .....	34
B.1 Principle of test.....	34
B.2 Apparatus and materials.....	34
B.3 Sampling and specimen preparation.....	34
B.4 Sample extraction and analysis.....	34
B.5 Expression of results .....	34
Annex C (informative) Guidance on the reduction of slip hazards .....	35
C.1 Scope.....	35
C.2 General.....	35
C.3 Design.....	35
C.4 Service.....	36
C.5 User responsibility .....	37
Annex D (normative) Product parameters for defining product families.....	38
D.1 Product parameters related to reaction to fire performance.....	38
D.2 Product parameters related content of dangerous substances .....	39
D.3 Product parameters related to emission of dangerous substances into indoor air .....	41
D.4 Product parameters related to slip resistance performance .....	43
D.5 Product parameters related to electrical behaviour performance .....	43
Annex E (normative) Determination of content of Polycyclic Aromatic Hydrocarbons (PAH) .....	45
E.1 Principle of test.....	45
E.2 Terms and definitions .....	45
E.3 Abbreviations.....	45
E.4 Equipment .....	45

<b>E.5</b>	<b>Chemicals and solutions.....</b>	<b>46</b>
<b>E.6</b>	<b>Procedure .....</b>	<b>47</b>
<b>E.7</b>	<b>GC-MS Analysis.....</b>	<b>48</b>
<b>E.8</b>	<b>Calculations.....</b>	<b>49</b>
<b>E.9</b>	<b>Test Report.....</b>	<b>49</b>
	<b>Annex F (normative) Determination of content of phthalates .....</b>	<b>50</b>
<b>F.1</b>	<b>Principle of test .....</b>	<b>50</b>
<b>F.2</b>	<b>Terms and definitions.....</b>	<b>50</b>
<b>F.3</b>	<b>Equipment and Supplies .....</b>	<b>51</b>
<b>F.4</b>	<b>Measurement of Phthalate Concentration.....</b>	<b>52</b>
	<b>Annex G (normative) Information to be provided in the Supplier declaration on raw materials or constituent products.....</b>	<b>57</b>
<b>G.1</b>	<b>Information to be provided with the supplier declaration on dangerous substances in raw materials or constituent products.....</b>	<b>57</b>
<b>G.2</b>	<b>Supplier declaration on the content of dangerous substances in raw materials or constituent products .....</b>	<b>58</b>
	<b>Annex H (normative) Content of Azocolourants – Restricted Aromatic Amines .....</b>	<b>60</b>
	<b>Annex I (normative) List of pictograms used for an alternative way of expressing the performance of certain characteristics .....</b>	<b>61</b>
	<b>Annex ZA (informative) Relationship of this European Standard with Regulation (EU) No.305/2011 .....</b>	<b>64</b>
	<b>Bibliography .....</b>	<b>69</b>