

## Annex - Table Overview of Abbreviations for intended uses and numbers for essential characteristics in EN 15651 in detail

(2020-07-06)

### EN 15651-1:2012

Intended uses	Abbreviation
Sealant for facade for interior and exterior applications	F-EXT-INT
Sealant for facade for interior and exterior applications (intended for use in cold climates)	F-EXT-INT-CC
Sealant for facade for interior applications only	F-INT

Essential characteristics	Number	Test Standard	Relevant for (Intended use)
Reaction to fire	11	EN 13501-1	F-EXT-INT, F-EXT-INT-CC, F-INT
Release of chemicals dangerous to the environment and health	12	-	F-EXT-INT, F-EXT-INT-CC, F-INT
Resistance to flow	13	EN ISO 7390	F-EXT-INT, F-EXT-INT-CC, F-INT
Loss of volume	14	EN ISO 10563	F-EXT-INT, F-EXT-INT-CC, F-INT
Tensile properties after immersion in water at (23 °C)	15	EN ISO 10590	F-EXT-INT, F-EXT-INT-CC
Tensile properties at maintained extension after water immersion	16	EN ISO 10591	F-EXT-INT, F-EXT-INT-CC
Tensile properties – secant modulus for non-structural sealants used in joints in cold climate areas	17	EN ISO 8339 (-30°C)	F-EXT-INT-CC
Tensile properties at maintained extension for non-structural sealants used in joints in cold climate areas	18	EN ISO 8340 (-30°C)	F-EXT-INT-CC
Durability – Tensile properties - elongation at break	19	EN ISO 8339	F-EXT-INT, F-EXT-INT-CC, F-INT
Durability - Tensile properties at maintained extension	110	EN ISO 8340	F-EXT-INT, F-EXT-INT-CC, F-INT
Durability – Adhesion/cohesion properties at constant temperature	111	EN ISO 9046	F-EXT-INT, F-EXT-INT-CC, F-INT
Durability – Adhesion/cohesion properties at variable temperatures	112	EN ISO 9047	F-EXT-INT, F-EXT-INT-CC, F-INT
Durability – Tensile properties at maintained extension after immersion in water	113	EN ISO 10590	F-EXT-INT, F-EXT-INT-CC, F-INT
Durability – Adhesion/cohesion properties after immersion in water	114	EN ISO 10591	F-EXT-INT, F-EXT-INT-CC, F-INT
Tensile properties – elongation at break	115	EN ISO 8339	F-INT

**EN 15651-2:2012**

<b>Intended uses</b>	<b>Abbreviation</b>
Sealant for glazing	<b>G</b>
Sealant for glazing (intended for use in cold climates)	<b>G-CC</b>

<b>Essential characteristics</b>	<b>Number</b>	<b>Notes</b>	<b>Relevant for (Intended use)</b>
Reaction to fire	21	EN 13501-1	G, G-CC
Release of chemicals dangerous to the environment and health	22	-	G, G-CC
Loss of volume	23	EN ISO 10563	G, G-CC
Vertical flow resistance	24	EN ISO 7390	G, G-CC
Adhesion/cohesion properties after exposure to heat water and artificial light	25	EN ISO 11431	G, G-CC
Elastic recovery	26	EN ISO 7389	G, G-CC
Tensile properties – secant modulus for non-structural low modulus sealants used in joints in cold climate areas	27	EN ISO 8339 (-30°C)	G-CC
Tensile properties at maintained extension for non-structural sealants used in joints in cold climate areas	28	EN ISO 8340 (-30°C)	G-CC
Durability – Tensile properties - elongation at break	29	EN ISO 8339	G, G-CC
Durability – Tensile properties at maintained extension	210	EN ISO 8340	G, G-CC
Durability – Adhesion/cohesion properties at constant temperature	211	EN ISO 9046	G, G-CC
Durability – Adhesion/cohesion properties at variable temperatures	212	EN ISO 9047	G, G-CC
Durability – Tensile properties at maintained extension after immersion in water	213	EN ISO 10590	G, G-CC
Durability – Adhesion/cohesion properties after immersion in water	214	EN ISO 10591	G, G-CC

**EN 15651-3:2012**

<b>Intended uses</b>	<b>Abbreviation</b>
Plastic sealant for sanitary joints	S
Elastic sealant for sanitary joints	XS

<b>Essential characteristics</b>	<b>Number</b>	<b>Notes</b>	<b>Relevant for (Intended use)</b>
Reaction to fire	31	EN 13501-1	S, XS
Release of chemicals dangerous to the environment and health	32	-	S, XS
Resistance to flow	33	EN ISO 7390	S, XS
Loss of volume	34	EN ISO 10563	S, XS
Tensile properties at maintained extension after water immersion	35	EN ISO 10591	S
Tensile properties after immersion in water at (23 °C)	36	EN ISO 10590	XS
Microbiological growth	37	EN ISO 846-B	S, XS
Durability – Tensile properties - elongation at break	38	EN ISO 8339	S, XS
Durability - Tensile properties at maintained extension	39	EN ISO 8340	S, XS
Durability - Microbiological growth	310	EN ISO 846-B	S, XS
Durability – Adhesion/cohesion properties at constant temperature	311	EN ISO 9046	S, XS
Durability – Adhesion/cohesion properties at variable temperatures	312	EN ISO 9047	S, XS
Durability – Tensile properties at maintained extension after immersion in water	313	EN ISO 10590	S, XS
Durability – Adhesion/cohesion properties after immersion in water	314	EN ISO 10591	S, XS

**EN 15651-4:2012**

<b>Intended uses</b>	<b>Abbreviation</b>
Sealant for pedestrian walkways for interior and exterior applications	<b>PW-EXT-INT</b>
Sealant for pedestrian walkways for interior and exterior applications (intended for use in cold climates)	<b>PW-EXT-INT-CC</b>
Sealant for pedestrian walkways for interior applications only	<b>PW-INT</b>

<b>Essential characteristics</b>	<b>Number</b>	<b>Notes</b>	<b>Relevant for (Intended use)</b>
Reaction to fire	41	EN 13501-1	PW-EXT-INT, PW-EXT-INT-CC, PW-INT
Release of chemicals dangerous to the environment and health	42	-	PW-EXT-INT, PW-EXT-INT-CC, PW-INT
Tensile properties at maintained extension	43	EN ISO 8340	PW-EXT-INT, PW-EXT-INT-CC, PW-INT
Loss of volume	44	EN ISO 10563	PW-EXT-INT, PW-EXT-INT-CC, PW-INT
Tear resistance	45	EN ISO 8340 mod.	PW-EXT-INT, PW-EXT-INT-CC, PW-INT
Adhesion/cohesion properties at maintained extension after 28 days water immersion	46	EN ISO 10590 mod.	PW-EXT-INT, PW-EXT-INT-CC
Adhesion/cohesion properties at maintained extension after 28 days salt water immersion	47	EN ISO 10590 mod.	PW-EXT-INT, PW-EXT-INT-CC
Tensile properties – secant modulus at -30°C for cold climate areas	48	EN ISO 8339 (-30°C)	PW-EXT-INT-CC
Tensile properties at maintained extension at -30°C for cold climate areas	49	EN ISO 8340 (-30°C)	PW-EXT-INT-CC
Durability – Tensile properties - elongation at break	410	EN ISO 8339	PW-EXT-INT, PW-EXT-INT-CC, PW-INT
Durability - Tensile properties at maintained extension	411	EN ISO 8340	PW-EXT-INT, PW-EXT-INT-CC, PW-INT
Durability – Adhesion/cohesion properties at constant temperature	412	EN ISO 9046	PW-EXT-INT, PW-EXT-INT-CC, PW-INT
Durability – Adhesion/cohesion properties at variable temperatures	413	EN ISO 9047	PW-EXT-INT, PW-EXT-INT-CC, PW-INT
Durability – Tensile properties at maintained extension after immersion in water	414	EN ISO 10590	PW-EXT-INT, PW-EXT-INT-CC, PW-INT
Durability – Adhesion/cohesion properties after immersion in water	415	EN ISO 10591	PW-EXT-INT, PW-EXT-INT-CC, PW-INT