

## PALONKESTÄVYYSSTANDARDIT

**Taulukko 1. Luokitusstandardit ja niiden tilanne (CEN TC127/WG7).**

Standardi (TC127/WG7)	Nimi
EN 13501-2:2016 Fire classification of construction products and building elements. Part 2: Classification using data from fire resistance tests, excluding ventilation services	Rakennustuotteiden ja rakennusosien paloluokitus lukuunottamatta ilmanvaihtolaitteita (uusittu, tulossa täydennyksiä)
EN 13501-3:2005+A1:2009 Fire classification of construction products and building elements. Part 3: Classification using data from fire resistance tests on product and elements used in building service installations: fire resisting ducts and fire dampers	Rakennustuotteiden ja rakennusosien paloluokitus, Palonkestävät ilmanakanavat ja palopellit (uusitaan, odottaa komission päätöstä luokitusmerkinnöistä)
EN 13501-4:2016 Fire classification of construction products and building elements. Part 4: Classification using data from fire resistance tests on components of smoke control systems	Rakennustuotteiden ja rakennusosien paloluokitus, Savunhallintajärjestelmien komponentit
EN 15725:2010+AC:2012 Extended application reports on the fire performance of construction products and building elements	EXAP-raportit koskien rakennustuotteiden ja rakennusosien paloluokitusta (uusittavana)

**Taulukko 2. Kantavien ja/tai osastoivien rakenteiden palonkestävyyden koemenetelmien sekä EXAP-standardien tilanne (CEN TC127/WG1).**

Standardi (TC127/WG1)	Nimi
EN 1363-1:2012 Fire resistance tests. Part 1: General requirements	Palonkestävyys; Yleiset vaatimukset (uusittavana, loppuäänestyksessä)
EN 1363-2:1999 Fire resistance tests. Part 2: Alternative and additional procedures	Palonkestävyys; Lisävaatimukset ja –menetelmät
ENV 1363-3:1998 Fire resistance tests. Part 3: Verification of furnace performance	Uunien kalibrointimenetelmät
EN 1364-1:2015 Fire resistance tests for non-loadbearing elements. Part 1: Walls	Kantamattomat, osastoivat seinät
EN 1364-2:2018 Fire resistance tests for non-loadbearing elements. Part 2: Ceilings	Ei-kantavat sisäkatot
EN 1364-3:2014 Fire resistance tests for non-loadbearing elements - Part 3: Curtain walling - Full configuration (complete assembly)	Ripustettu, kantamaton ulkoseinä, koko rakenne
EN 1364-4:2014 Fire resistance tests for non-loadbearing elements - Part 4: Curtain walling - Part configuration	Ripustettu, kantamaton ulkoseinä, osa rakenne
EN 1364-5:2017 Fire resistance tests for non-loadbearing elements - Part 5: Air transfer grilles	Ilmanvaihtosäleiköt
prEN 1364-6 Fire resistance tests for non-loadbearing elements - Part 6: Cavity barriers	Onteloiden palosulut (tulossa toiselle lausuntokierrokselle)
EN 1365-1:2012/AC:2013 Fire resistance tests for loadbearing elements. Part 1: Walls	Kantavat seinät
EN 1365-2:2014 Fire resistance tests for loadbearing elements. Part 2: Floors and roofs	Väli- ja yläpohjat
EN 1365-3:1999 Fire resistance tests for loadbearing elements. Part 3: Beams	Palkit
EN 1365-4:1999 Fire resistance tests for loadbearing elements. Part 4: Columns	Pilarit
EN 1365-5:2004 Fire resistance tests for loadbearing elements. Part 5: Balconies and walkways	Parvekkeet ja kävelytiet
EN 1365-6:2004 Fire resistance tests for loadbearing elements. Part 6: Stairs	Portaat
EN 13381-1:2014 Test methods for determining the contribution to the fire resistance of structural members. Part 1: Horizontal protective membranes	Palosuojuukset, vaakarakenteet (virheet korjattu, lausuntokierroksella)
EN 13381-2:2014 Test methods for determining the contribution to the fire resistance of structural members. Part 2: Vertical protective membranes	Palosuojuukset, pystyrakenteet

<b>EN 13381-3:2015</b> Test methods for determining the contribution to the fire resistance of structural members. Part 3: Applied protection to concrete members	<b>Palosuojauskset, betonirakenteet</b>
<b>EN 13381-4:2013</b> Test methods for determining the contribution to the fire resistance of structural members. Part 4: Applied passive protection to steel members	<b>Palosuojauskset, teräsrakenteet – passiiviset palosuojauskset (uusitaan)</b>
<b>EN 13381-5:2014</b> Test methods for determining the contribution to the fire resistance of structural members. Part 5: Applied protection to concrete/profiled sheet steel composite members	<b>Palosuojauskset, betoni/poimulevy –liittorakenteet</b>
<b>EN 13381-6:2012</b> Test methods for determining the contribution to the fire resistance of structural members. Part 6: Applied protection to concrete filled hollow steel columns	<b>Palosuojauskset, betonitäytteiset liittopilarit</b>
<b>EN 13381-7:2019</b> Test methods for determining the contribution to the fire resistance of structural members. Part 7: Applied protection to timber members	<b>Palosuojauskset, puurakenteet (Julkaistu)</b>
<b>EN 13381-8:2013</b> Test methods for determining the contribution to the fire resistance of structural members. Part 8: Applied reactive protection to steel members	<b>Palosuojauskset, teräsrakenteet – reaktiiviset palosuojauskset (uusitaan)</b>
<b>EN 13381-9:2015</b> Test methods for determining the contribution to the fire resistance of structural members. Part 9: Applied fire protection systems to steel beams with web openings	<b>Palosuojauskset, teräsrakenteet – uumasta rei'itetyt palkit</b>
<b>prEN 13381-10</b> Test methods for determining the contribution to the fire resistance of structural members. Part 10: Applied protection to solid steel bar in tension	<b>Palosuojauskset, teräsrakenteet – vedetyt, pyöreät umpitangot (koe kuormittamaton) (tulossa loppuäänestykseen)</b>
<b>prEN 13381-x</b> Test methods for determining the contribution to the fire resistance of structural members. Part x: Applied protection to aluminium members	<b>Palosuojauskset, alumiinirakenteet (työ käynnissä)</b>
<b>prEN 13381-xx</b> Test methods for determining the contribution to the fire resistance of structural members. Part xx: Applied protection to solid steel bar in tension	<b>Palosuojauskset, teräsrakenteet – vedetyt, pyöreät umpitangot (koe kuormitettu) (työ käynnissä)</b>
<b>EN 14135:2004</b> Coverings. Determination of fire protection ability	<b>Suojaverhoukset (uusitaan)</b>
<b>EXAP-standardit (koetulosten laajentamista koskevat standardit)</b>	
<b>EN 15080-8:2009</b> Extended application of results from fire resistance tests. Part 8: Beams	<b>EXAP, palkit</b>
<b>EN 15080-12:2011</b> Extended application of results from fire resistance tests. Part 12: Loadbearing masonry walls	<b>EXAP, kantavat muuratut seinät (uusitaan)</b>
<b>EN 15254-2:2009</b> Extended application of results from fire resistance tests - Non-loadbearing walls. Part 2: Masonry and gypsum blocks	<b>EXAP, kantamattomat muuratut seinät</b>
<b>EN 15254-3:2019</b> Extended application of results from fire resistance tests - Non-loadbearing walls. Part 3: Lightweight partitions	<b>EXAP, osastoivat rankaseinät (julkaistu)</b>
<b>EN 15254-4:2018</b> Extended application of results from fire resistance tests - Non-loadbearing walls. Part 4: Glazed construction	<b>EXAP, kantamattomat lasiseinät</b>
<b>EN 15254-5:2018</b> Extended application of results from fire resistance tests - Non-loadbearing walls. Part 5: Metal sandwich panel construction	<b>EXAP, sandwich-elementtiseinät</b>
<b>EN 15254-6:2014</b> Extended application of results from fire resistance tests - Non-loadbearing walls. Part 6: Curtain walling	<b>EXAP, kantamattomat ulkoseinät</b>
<b>EN 15254-7:2018</b> Extended application of results from fire resistance tests - Non-loadbearing ceilings. Part 7: Metal sandwich panel construction	<b>EXAP, sandwich-elementtialakatot</b>
<b>prEN 15254-x</b> Extended application of results from fire resistance tests - Non-loadbearing walls. Part x: Demountable partitions	<b>EXAP, kantamattomat siirrettävät seinät (odottaa)</b>

**Taulukko 3. Laitteiden palonkestävyyden koemenetelmien sekä EXAP-standardien tilanne(CEN TC127/WG2).**

Standardi (TC127/WG2)	Nimi
EN 1366-1:2014 / prA1 Fire resistance tests for service installations. Part 1: Ducts	Palonkestävät ilmastointikanavat (tulossa muutos)
EN 1366-2:2015 Fire resistance tests for service installations. Part 2: Fire dampers	Palopellit
EN 1366-3:2009 Fire resistance tests for service installations. Part 3: Penetration seals	Läpiviennit (tulossa toiselle lausuntokierrokselle)
EN 1366-4:2006+A1:2010 Fire resistance tests for service installations. Part 4: Linear joint seals	Saumojen tiivistykset (lausuntokierros hyväksytty)
EN 1366-5:2011 Fire resistance tests for service installations. Part 5: Service ducts and shafts	Asennuskanavat ja -kuilut (Roilot) (tulossa lausunolle)
EN 1366-6:2004 Fire resistance tests for service installations. Part 6: Raised access and hollow core floors	Nostettavat lattiat ja ontelo-osat
EN 1366-7:2004 Fire resistance tests for service installations. Part 7: Conveyor systems and their closures	Kuljettimet ja niiden sulkimet
EN 1366-8:2004 Fire resistance tests for service installations - Part 8: Smoke extraction ducts	Savunpoistokanavat (lausuntokierros hylätty, kommentit käsittelyssä)
EN 1366-9:2008 Fire resistance tests for service installations. Part 9: Single compartment smoke extraction ducts	Yksittäisen palo-osaston savunpoistokanavat (uusittavana)
EN 1366-10:2011+A1:2017 Fire resistance tests for service installations. Part 10: Smoke control dampers	Savupellit (tulossa lausunolle)
EN 1366-11:2018 Fire resistance tests for service installations. Part 11: Fire protective systems for cable systems and associated components	Kaapeleiden suojausjärjestelmät ja niiden komponentit
EN 1366-12:2014 +A1:2019 Fire resistance tests for service installations. Part 12: Non-mechanical fire barrier for ventilation ductwork	Palopellit, joiden toiminta perustuu paisuviin palonsuoja-aineisiin (julkaistu)
EN 1366-13:2019 Fire resistance tests for service installations. Part 13: Chimneys	Savuhormit (julkaistu)
prEN 1366-1x (14) Fire resistance tests for service installations. Part x: 1-, 2-, 3-sided ventilation ducts	1-, 2- ja 3-sivulta palolle alttiit ilmastointikanavat (tekeillä)
prEN 1366-xx: Partial penetration	Läpiviennit, jotka lävistävät osastoivan rakenteen vain osittain (tekeillä)
<b>EXAP-standardit (koetulosten laajentamista koskevat standardit)</b>	
EN 15882-1:2011+A1:2017 Extended application of results from fire resistance tests for service installations - Part 1: Ducts	EXAP, Ilmanvaihtokanavat
EN 15882-2:2015 Extended application of results from fire resistance tests for service installations - Part 2: Dampers	EXAP, Palopellit (uusittavana)
EN 15882-3:2009 Extended application of results from fire resistance tests for service installations - Part 3: Penetration seals	EXAP, Läpiviennit (uusitaan, odottaa testistandardin revision valmistumista)
EN 15882-4:2012 Extended application of results from fire resistance tests for service installations - Part 4: Linear joint seals	EXAP, Saumojen tiivistykset (uusitaan, odottaa testistandardin revision valmistumista)
prEN 15882-x Extended application of results from fire resistance tests for service installations - Part x: Smoke extraction ducts	EXAP, Savunpoistokanavat (liittyy standardeihin EN 1366-8 ja EN 1366-9) (odottaa testistandardien valmistumista)
prEN 15882-xx Extended application of results from fire resistance tests for service installations - Part xx: Smoke control dampers	EXAP, Savupellit (odottaa testistandardin revisiointia)
prEN 15882-xxx Extended application of results from fire resistance tests for service installations - Part xxx: Service ducts and shafts	EXAP, Asennuskanavat ja -kuilut (etenee vasta kun koetuloksia olemassa)
prEN 15882-xxxx Extended application of results from fire resistance tests for service installations - Part xx: Mixed penetration seals	EXAP, yhdistelmäläpiviennit (työ käynnissä)

**Taulukko 4. Ovien, luukkujen ja avattavien ikkunoiden palonkestävyyden koemenetelmien sekä EXAP-standardien tilanne (CEN TC127/WG3).**

<b>Standardi (TC127/WG3)</b>	<b>Nimi</b>
<b>EN 1634-1:2014+A1:2018/AC:2018</b> Fire resistance and smoke control tests for door, shutter and openable window assemblies and elements of building hardware. Part 1: Fire resistance tests for doors shutters and openable windows	<b>Ovet, luukut ja avattavat ikkunat</b> (julkaisu, muutos tulossa)
<b>EN 1634-2:2008</b> Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware. Part 2: Fire resistance characterisation test for elements of building hardware	<b>Ovien laitteistot</b> (uusitaan)
<b>EN 1634-3:2004</b> Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware. Part 3: Smoke control test for door and shutter assemblies	<b>Savutiiviit ovet</b> (uusitaan)
<b>EXAP-standardit (koetulosten laajentamista koskevat standardit)</b>	
<b>EN 15269-1:2010</b> Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. Part 1: General requirements	<b>EXAP, yleiset vaatimukset</b> (uusittavana, ollut äänestyksessä 2018 lopussa)
<b>EN 15269-2:2012</b> Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. Part 2: Fire resistance of hinged and pivoted steel doorsets	<b>EXAP, saranoilla varustetut teräsövet</b> (uusittavana)
<b>EN 15269-3:2012</b> Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. Part 3: Fire resistance of hinged and pivoted timber doorsets and openable timber framed windows	<b>EXAP, saranoilla varustetut puuövet ja avattavat ikkunat</b> (uusittavana)
<b>prEN 15269-4</b> Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. Part 4: Fire resistance of glass hinged and pivoted doorsets	<b>EXAP, saranoilla varustetut lasiovet</b> (työaihe peruttu)
<b>EN 15269-5:2014+A1:2016</b> Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. Part 5: Fire resistance of hinged and pivoted metal framed glazed doorsets and openable windows	<b>EXAP, saranoilla varustetut puitteelliset lasiovet ja avattavat ikkunat</b> (uusittavana)
<b>prEN 15269-6</b> Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. Part 6: Fire resistance of sliding timber doorsets	<b>EXAP, puuliukuövet</b> (tekeillä)
<b>EN 15269-7:2009</b> Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. Part 7: Fire resistance for steel sliding doorsets	<b>EXAP, teräслиukuövet</b>
<b>prEN 15269-8</b> Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. Part 8: Fire resistance of timber horizontally folding doorsets	<b>EXAP, puiset vaaka-asentoon taittavat ovet</b> (työaihe peruttu)
<b>prEN 15269-9</b> Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. Part 9: Fire resistance of steel horizontally folding doorsets	<b>EXAP, teräksiset vaaka-asentoon taittavat ovet</b> (työaihe peruttu)
<b>EN 15269-10:2011</b> Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of	<b>EXAP, teräksiset rullautuvat luukut</b>

building hardware. Part 10: Fire resistance of steel rolling shutter assemblies	
<b>EN 15269-11:2018 E</b> Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. Part 11: Fire resistance for operable curtains	<b>EXAP, taipuvat verhot (julkaistu)</b>
<b>prEN 15269-12</b> Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. Part xx: Composite doors	<b>EXAP, yhdistelmä ovet (tekeillä)</b>
<b>EN 15269-20:2009</b> Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. Part 20: Smoke control for doors, shutters and openable windows	<b>EXAP, savutiiviit saranoilla varustetut teräs-, puu ja metallipuiteelliset lasiovet (tulossa lopulliseen äänestykseen)</b>
<b>prEN 17020-1</b> , Extended application of test results on durability of self-closing for fire resistance and/or smoke control doorsets and openable windows - Part 1: Durability of selfclosing of hinged and pivoted steel doorsets.	<b>EXAP-säännöt palonkestävien ja/tai savutiiviiden ovien ja avattavien ikkunoiden itsesulkeutuvuuslaitteiden kestävyydelle, saranoilla varustetut teräsövet (tulossa lopulliseen äänestykseen)</b>
<b>prEN 17020-2</b> , Extended application of test results on durability of self-closing for fire resistance and/or smoke control doorsets and openable windows - Part 2: Durability of selfclosing of steel rolling shutters.	<b>EXAP-säännöt palonkestävien ja/tai savutiiviiden ovien ja avattavien ikkunoiden itsesulkeutuvuuslaitteiden kestävyydelle, teräksiset rullautuvat luukut (tulossa lopulliseen äänestykseen)</b>
<b>prEN 17020-3</b> , 00033505, Extended application of test results on durability of self-closing for fire resistance and/or smoke control doorsets and openable windows – Part 3: Durability of selfclosing of steel sliding doorsets.	<b>EXAP-säännöt palonkestävien ja/tai savutiiviiden ovien ja avattavien ikkunoiden itsesulkeutuvuuslaitteiden kestävyydelle, teräsliukuovet (tulossa lopulliseen äänestykseen)</b>
<b>prEN 17020-4</b> , Extended application of test results on durability of self-closing for doorsets and openable windows - Part 4: Durability of self-closing of fire resistance hinged and pivoted metal framed glazed doorsets and openable windows.	<b>EXAP-säännöt palonkestävien ja/tai savutiiviiden ovien ja avattavien ikkunoiden itsesulkeutuvuuslaitteiden kestävyydelle, saranoilla varustetut puiteelliset lasiovet ja avattavat ikkunat (tulossa lopulliseen äänestykseen)</b>
<b>prEN 17020-5</b> , Extended application of test results on durability of selfclosing for fire resistance and/or smoke control doorsets and openable windows – Part 5: Durability of self-closing of hinged and pivoted timber doorsets and openable timber framed windows.	<b>EXAP-säännöt palonkestävien ja/tai savutiiviiden ovien ja avattavien ikkunoiden itsesulkeutuvuuslaitteiden kestävyydelle, saranoilla varustetut puuovet ja avattavat ikkunat (tekeillä)</b>