

Fire reaction class of hardwood floorings

The table indicates the European class of reaction to fire achieved by the different types of Listone Giordano floors:
the european class of reaction to fire Cfl-s1, when declared, is guaranteed only if the laying conditions indicated by the specific color / number are applied, with reference to the following legend

①	Glued on non combustible substrate					
②	Glued on non combustible substrate or glued on underlay S4 (composed of fibres and granules of SBR compacted using a polyurethane adhesive in a hot process, 4 mm thick) himself glued on non combustible substrate					
③	Glued on non combustible substrate or glued on underlay in european class E, maximum thickness 3 mm, himself glued on non combustible substrate. The european class of reaction to fire E is the minimum requirement so that a combustible material is not easily flammable.					
④	Floating installation on non combustible substrate with interposed an insulated mat Isoldrum TOP or glued on non combustible substrate					
Range	Product	Finish - Colour	Wood species	Top layer thickness	Laying	Fire reaction class
Classica	Prima 140	NaturPlus2	Oak	2,5 mm	②	C fl-s1
Classica	Prima 140	NaturPlus2	all the other wood species*	2,5 mm		D fl-s1
Classica	Prima 140	Matt Plus	Oak	2,5 mm	②	C fl-s1
Classica	Prima 140	Naturplus2 Matt	Oak	2,5 mm	②	C fl-s1
Classica	Prima 140	"fireproof" oil finish upon customer's requirement**	Oak	2,5 mm	①	C fl-s1
Classica	Prima 140	"fireproof" oil finish upon customer's requirement**	Walnut	2,5 mm	①	C fl-s1
Classica	Prima 140	Oleonature	all the wood species*	2,5 mm		D fl-s1
Classica	Prima 140	Invisible Touch	all the wood species*	2,5 mm		D fl-s1
Classica	Prima 140	Invisible Touch Ignifugo upon customer's requirement**	Oak	2,5 mm	①	C fl-s1
Classica	Prima 190	NaturPlus2	Oak	2,5 mm	②	C fl-s1
Classica	Prima 190	NaturPlus2	all the other wood species*	2,5 mm		D fl-s1
Classica	Prima 190	Matt Plus	Oak	2,5 mm	②	C fl-s1
Classica	Prima 190	Naturplus2 Matt	Oak	2,5 mm	②	C fl-s1
Classica	Prima 190	"fireproof" oil finish upon customer's requirement**	Oak	2,5 mm	①	C fl-s1
Classica	Prima 190	"fireproof" oil finish upon customer's requirement**	Walnut	2,5 mm	①	C fl-s1
Classica	Prima 190	Oleonature	all the wood species*	2,5 mm		D fl-s1
Classica	Prima 190	Invisible Touch	all the wood species*	2,5 mm		D fl-s1
Classica	Prima 190	Invisible Touch Ignifugo upon customer's requirement**	Oak	2,5 mm	①	C fl-s1
Classica	Prima 140 flottante	NaturPlus2	Oak	2,5 mm	④	C fl-s1
Classica	Prima 140 flottante	NaturPlus2	all the other wood species*	2,5 mm		D fl-s1
Classica	Prima 140 flottante	"fireproof" oil finish upon customer's requirement**	Oak	2,5 mm	④	C fl-s1
Classica	Prima 140 flottante	Oleonature	all the wood species*	2,5 mm		D fl-s1
Classica	Prima 140 flottante	Invisible Touch	all the wood species*	2,5 mm		D fl-s1
Classica	Prima 190 flottante	NaturPlus2	Oak	2,5 mm	④	C fl-s1
Classica	Prima 190 flottante	NaturPlus2	all the other wood species*	2,5 mm		D fl-s1
Classica	Prima 190 flottante	"fireproof" oil finish upon customer's requirement**	Oak	2,5 mm	④	C fl-s1
Classica	Prima 190 flottante	Oleonature	all the wood species*	2,5 mm		D fl-s1
Classica	Prima 190 flottante	Invisible Touch	all the wood species*	2,5 mm		D fl-s1
Classica	Listone 140 flottante	NaturPlus2	Oak	3,5 mm	④	C fl-s1
Classica	Listone 140 flottante	NaturPlus2	all the other wood species*	3,5 mm		D fl-s1
Classica	Listone 140 flottante	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	④	C fl-s1
Classica	Listone 140 flottante	Oleonature	all the wood species*	3,5 mm		D fl-s1
Classica	Listone 140 flottante	Invisible Touch	all the wood species*	3,5 mm		D fl-s1
Classica	Listone 190 flottante	NaturPlus2	Oak	3,5 mm	④	C fl-s1
Classica	Listone 190 flottante	NaturPlus2	all the other wood species*	3,5 mm		D fl-s1
Classica	Listone 190 flottante	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	④	C fl-s1
Classica	Listone 190 flottante	Oleonature	all the wood species*	3,5 mm		D fl-s1
Classica	Listone 190 flottante	Invisible Touch	all the wood species*	3,5 mm		D fl-s1
Classica	Corona 70	XPlus2	Oak, Walnut, Morado, Cabreuva km 31	3,5 mm	②	C fl-s1
Classica	Corona 70	NaturPlus2	Oak, Iroko, Doussiè	3,5 mm	②	C fl-s1
Classica	Corona 70	NaturPlus2	all the other wood species*	3,5 mm		D fl-s1
Classica	Corona 70	Matt Plus	Oak	3,5 mm	②	C fl-s1
Classica	Corona 70	Naturplus2 Matt	Oak	3,5 mm	②	C fl-s1
Classica	Corona 70	Invisible Touch	all the wood species*	3,5 mm		D fl-s1
Classica	Corona 70	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Classica	Corona 70	Oleonature	all the wood species*	3,5 mm		D fl-s1
Classica	Listone 90	XPlus2	Oak, Walnut, Morado, Cabreuva km 31	3,5 mm	②	C fl-s1
Classica	Listone 90	NaturPlus2	Oak	3,5 mm	②	C fl-s1
Classica	Listone 90	NaturPlus2	all the other wood species*	3,5 mm		D fl-s1
Classica	Listone 90	Matt Plus	Oak	3,5 mm	②	C fl-s1
Classica	Listone 90	Naturplus2 Matt	Oak	3,5 mm	②	C fl-s1
Classica	Listone 90	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Classica	Listone 90	"fireproof" oil finish upon customer's requirement**	Walnut	3,5 mm	①	C fl-s1
Classica	Listone 90	Oleonature	all the wood species*	3,5 mm		D fl-s1
Classica	Listone 90	Invisible Touch	all the wood species*	3,5 mm		D fl-s1
Classica	Listone 90	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Classica	Listone 140	XPlus2	Oak, Walnut, Morado, Cabreuva km 31	3,5 mm	②	C fl-s1
Classica	Listone 140	NaturPlus2	Oak	3,5 mm	②	C fl-s1
Classica	Listone 140	NaturPlus2	all the other wood species*	3,5 mm		D fl-s1
Classica	Listone 140	Matt Plus	Oak	3,5 mm	②	C fl-s1
Classica	Listone 140	Naturplus2 Matt	Oak	3,5 mm	②	C fl-s1
Classica	Listone 140	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Classica	Listone 140	"fireproof" oil finish upon customer's requirement**	Walnut	3,5 mm	①	C fl-s1
Classica	Listone 140	Oleonature	all the wood species*	3,5 mm		D fl-s1
Classica	Listone 140	Invisible Touch	all the wood species*	3,5 mm		D fl-s1
Classica	Listone 140	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Classica	Listone 190	XPlus2	Oak, Walnut, Morado, Cabreuva km 31	3,5 mm	②	C fl-s1
Classica	Listone 190	NaturPlus2	Oak	3,5 mm	②	C fl-s1
Classica	Listone 190	NaturPlus2	all the other wood species*	3,5 mm		D fl-s1
Classica	Listone 190	Matt Plus	Oak	3,5 mm	②	C fl-s1
Classica	Listone 190	Naturplus2 Matt	Oak	3,5 mm	②	C fl-s1
Classica	Listone 190	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Classica	Listone 190	"fireproof" oil finish upon customer's requirement**	Walnut	3,5 mm	①	C fl-s1
Classica	Listone 190	Oleonature	all the wood species*	3,5 mm		D fl-s1
Classica	Listone 190	Invisible Touch	all the wood species*	3,5 mm		D fl-s1
Classica	Listone 190	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Classica	Plank 140	XPlus2	Oak, Walnut, Morado, Cabreuva km 31	5 mm	②	C fl-s1
Classica	Plank 140	NaturPlus2	Oak	5 mm	②	C fl-s1
Classica	Plank 140	NaturPlus2	all the other wood species*	5 mm		D fl-s1
Classica	Plank 140	Matt Plus	Oak	5 mm	②	C fl-s1
Classica	Plank 140	Naturplus2 Matt	Oak	5 mm	②	C fl-s1
Classica	Plank 140	Oleonature	Oak	5 mm	②	C fl-s1
Classica	Plank 140	Oleonature	all the other wood species*	5 mm		D fl-s1
Classica	Plank 140	"fireproof" oil finish upon customer's requirement**	Walnut	5 mm	①	C fl-s1
Classica	Plank 140	Invisible Touch	Oak	5 mm	③	C fl-s1
Classica	Plank 140	Invisible Touch	all the other wood species*	5 mm		D fl-s1
Classica	Plank 190	XPlus2	Oak, Walnut, Morado, Cabreuva km 31	5 mm	②	C fl-s1
Classica	Plank 190	NaturPlus2	Oak	5 mm	②	C fl-s1

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The table indicates the European class of reaction to fire achieved by the different types of Listone Giordano floors:
the european class of reaction to fire Cfl-s1, when declared, is guaranteed only if the laying conditions indicated by the specific color / number are applied, with reference to the following legend

①	Glued on non combustible substrate					
②	Glued on non combustible substrate or glued on underlay S4 (composed of fibres and granules of SBR compacted using a polyurethane adhesive in a hot process, 4 mm thick) himself glued on non combustible substrate					
③	Glued on non combustible substrate or glued on underlay in european class E, maximum thickness 3 mm, himself glued on non combustible substrate. The european class of reaction to fire E is the minimum requirement so that a combustible material is not easily flammable.					
④	Floating installation on non combustible substrate with interposed an insulated mat Isoldrum TOP or glued on non combustible substrate					
Classica	Plank 190	NaturPlus2	all the other wood species*	5 mm		D fl-s1
Classica	Plank 190	Matt Plus	Oak	5 mm	②	C fl-s1
Classica	Plank 190	Naturplus2 Matt	Oak	5 mm	②	C fl-s1
Classica	Plank 190	Oleonature	Oak	5 mm	②	C fl-s1
Classica	Plank 190	Oleonature	all the other wood species*	5 mm		D fl-s1
Classica	Plank 190	"fireproof" oil finish upon customer's requirement**	Walnut	5 mm	①	C fl-s1
Classica	Plank 190	Invisible Touch	Oak	5 mm	③	C fl-s1
Classica	Plank 190	Invisible Touch	all the other wood species*	5 mm		D fl-s1
Classica	Plank 230	XPlus2	Oak, Walnut, Morado, Cabreuva km 31	5 mm	②	C fl-s1
Classica	Plank 230	NaturPlus2	Oak	5 mm	②	C fl-s1
Classica	Plank 230	NaturPlus2	all the other wood species*	5 mm		D fl-s1
Classica	Plank 230	Matt Plus	Oak	5 mm	②	C fl-s1
Classica	Plank 230	Naturplus2 Matt	Oak	5 mm	②	C fl-s1
Classica	Plank 230	Oleonature	Oak	5 mm	②	C fl-s1
Classica	Plank 230	Oleonature	all the other wood species*	5 mm		D fl-s1
Classica	Plank 230	"fireproof" oil finish upon customer's requirement**	Walnut	5 mm	①	C fl-s1
Classica	Plank 230	Invisible Touch	Oak	5 mm	③	C fl-s1
Classica	Plank 230	Invisible Touch	all the other wood species*	5 mm		D fl-s1
Atelier	Heritage	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Atelier	Heritage	"fireproof" oil finish upon customer's requirement**	Walnut	3,5 mm	①	C fl-s1
Atelier	Heritage	Oleonature	all the wood species*	3,5 mm		D fl-s1
Atelier	Heritage	Invisible Touch	all the wood species*	3,5 mm		D fl-s1
Atelier	Heritage	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Atelier	Réserve	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Atelier	Réserve	Oleonature	Oak	3,5 mm		D fl-s1
Atelier	Réserve	Invisible Touch	Oak	3,5 mm		D fl-s1
Atelier	Quattrocento Italiano	Oleonature	Oak	5 mm	②	C fl-s1
Atelier	Quattrocento Italiano	Invisible Touch	Oak	5 mm	③	C fl-s1
Atelier	Ancien	Oleonature	Oak	5 mm	②	C fl-s1
Atelier	Ancien	Oleonature	Walnut, Cherry	5 mm		D fl-s1
Atelier	Ancien	"fireproof" oil finish upon customer's requirement**	Walnut	5 mm	①	C fl-s1
Atelier	Deco'	Oleonature	Oak, Walnut, Teak	5 mm		D fl-s1
Atelier	Undici	Invisible Touch	Oak	3,5 mm		D fl-s1
Atelier	Undici	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Natural Genius	Medoc 18 mm	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Natural Genius	Medoc 18 mm	Oleonature	Oak	3,5 mm		D fl-s1
Natural Genius	Medoc 2-layers	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Natural Genius	Medoc 2-layers	Oleonature	all the wood species*	3,5 mm		D fl-s1
Natural Genius	Medoc 2-layers	Invisible Touch	all the wood species*	3,5 mm		D fl-s1
Natural Genius	Medoc 2-layers	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm		C fl-s1
Natural Genius	Medoc 2-layers	NaturPlus2	Oak	3,5 mm	②	C fl-s1
Natural Genius	Quadron 2-layers	Oleonature	Oak	3,5 mm		D fl-s1
Natural Genius	Quadron 2-layers	Invisible Touch	Oak	3,5 mm		D fl-s1
Natural Genius	Quadron 2-layers	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Natural Genius	Quadron 2-layers	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Natural Genius	Quadron	finish after the installation	Teak	18,5 mm		D fl-s1
Natural Genius	Vibrazioni	Oleonature	Oak	3,5 mm		D fl-s1
Natural Genius	Vibrazioni	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Natural Genius	Slide	NaturPlus2	Oak	1 mm		D fl-s1
Natural Genius	Slide 2-layers	Oleonature	Oak	3,5 mm		D fl-s1
Natural Genius	Slide 2-layers	Naturplus2	Oak	3,5 mm	②	C fl-s1
Natural Genius	Slide 2-layers	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Natural Genius	Foxtrot	NaturPlus2	Oak	1 mm		D fl-s1
Natural Genius	Foxtrot 2-layers	Oleonature	Oak	3,5 mm		D fl-s1
Natural Genius	Foxtrot 2-layers	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Natural Genius	Foxtrot 2-layers	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
Natural Genius	Foxtrot 2-layers	Invisible Touch	Oak	3,5 mm		D fl-s1
Natural Genius	Fabrique	Oleonature	Birch	3,5 mm		D fl-s1
Natural Genius	Fabrique	"fireproof" oil finish upon customer's requirement**	Birch	3,5 mm	①	C fl-s1
Natural Genius	Avenue	Matt Plus	Oak	3,5 mm	②	C fl-s1
Natural Genius	Biscuit	Invisible Touch	Oak	3,5 mm		D fl-s1
M+	Mood	oiled	Oak	2,5 mm		D fl-s1
M+	Basic 150	"special varnish" upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
M+	Basic 150	Oleonature	Oak	3,5 mm		D fl-s1
M+	Tabula	"special varnish" upon customer's requirement**	Oak	3,5 mm	①	C fl-s1
M+	Tabula	Oleonature	Oak	3,5 mm		D fl-s1
M+	Linea 70 + Linea 90	varnished	Oak, Iroko, Doussiè	3,5 mm	①	C fl-s1
M+	Linea 120 (10mm)	varnished (transparent or colored)	Oak	2,5 mm	①	C fl-s1

* the sentences "all the wood species*" and "all the other wood species*" refer to the list in the Table 1 below

** special finish for which a specific quotation must be requested

TABLE A

Oak - Sycomorus Maple - Cherry - Steamed Beech - Ash - Canadian Maple - Cabreuva km 31 - Cabreuva Vermelha - Doussiè Africa - Iroko - Lapacho - Morado - Teak - Wengè - Jatoba