

**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) itself glued on non combustible substrate							
③	Glued on non combustible substrate or glued on underlay in european class E, maximum thickness 3 mm, itself 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 for top layer	Top layer thickness	Wood species for support	Support thickness	Laying	Fire reaction class
Classica	Prima 140 /190	NaturPlus2	Oak - Tek	2,5 mm	Birch	7,5 mm	②	Cfl-s1
Classica	Prima 140 /190	NaturPlus2	all the other wood species*	2,5 mm	Birch	7,5 mm		Dfl-s1
Classica	Prima 140 /190	Matt Plus	Oak	2,5 mm	Birch	7,5 mm	③	Cfl-s1
Classica	Prima 140 /190	Naturplus2 Matt	Oak	2,5 mm	Birch	7,5 mm	②	Cfl-s1
Classica	Prima 140 /190	"fireproof" oil finish upon customer's requirement**	Oak	2,5 mm	Birch	7,5 mm	①	Cfl-s1
Classica	Prima 140 /190	"fireproof" oil finish upon customer's requirement**	Walnut	2,5 mm	Birch	7,5 mm	①	Cfl-s1
Classica	Prima 140 /190	Oleoature	all the wood species*	2,5 mm	Birch	7,5 mm		Dfl-s1
Classica	Prima 140 /190	Invisible Touch	all the wood species*	2,5 mm	Birch	7,5 mm		Dfl-s1
Classica	Prima 140 /190	Invisible Touch Ignifugo upon customer's requirement**	Oak	2,5 mm	Birch	7,5 mm	①	Cfl-s1
Classica	Prima 140/190 - 11,5 mm	NaturPlus2	all the wood species*	2,5 mm	Pine	9,0 mm		Dfl-s1
Classica	Prima 140/190 - 11,5 mm	Naturplus2 Matt	Oak	2,5 mm	Pine	9,0 mm	②	Cfl-s1
Classica	Prima 140/190 - 11,5 mm	Mattplus	all the wood species*	2,5 mm	Pine	9,0 mm		Dfl-s1
Classica	Prima 140/190 - 11,5 mm	"fireproof" oil finish upon customer's requirement**	Oak	2,5 mm	Pine	9,0 mm	①	Cfl-s1
Classica	Prima 140/190 - 11,5 mm	Invisible Touch Ignifugo upon customer's requirement**	Oak	2,5 mm	Pine	9,0 mm	①	Cfl-s1
Classica	Prima 140/190 - 11,5 mm	Oleoature	all the wood species*	2,5 mm	Pine	9,0 mm		Dfl-s1
Classica	Prima 140/190 - 11,5 mm	Invisible Touch	all the wood species*	2,5 mm	Pine	9,0 mm		Dfl-s1
Classica	Prima 140/190 flottante	NaturPlus2	Oak	2,5 mm	Fir	11,5 mm	④	Cfl-s1
Classica	Prima 140/190 flottante	NaturPlus2	all the other wood species*	2,5 mm	Fir	11,5 mm		Dfl-s1
Classica	Prima 140/190 flottante	"fireproof" oil finish upon customer's requirement**	Oak	2,5 mm	Fir	11,5 mm	④	Cfl-s1
Classica	Prima 140/190 flottante	Oleoature	all the wood species*	2,5 mm	Fir	11,5 mm		Dfl-s1
Classica	Prima 140/190 flottante	Invisible Touch	all the wood species*	2,5 mm	Fir	11,5 mm		Dfl-s1
Classica	Listone 140/190 flottante	NaturPlus2	Oak	3,5 mm	Fir	11,5 mm	④	Cfl-s1
Classica	Listone 140/190 flottante	NaturPlus2	all the other wood species*	3,5 mm	Fir	11,5 mm		Dfl-s1
Classica	Listone 140/190 flottante	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	Fir	11,5 mm	④	Cfl-s1
Classica	Listone 140/190 flottante	Oleoature	all the wood species*	3,5 mm	Fir	11,5 mm		Dfl-s1
Classica	Listone 140/190 flottante	Invisible Touch	all the wood species*	3,5 mm	Fir	11,5 mm		Dfl-s1
Classica	Corona 70	XPlus2	Oak, Walnut, Morado, Cabreuva km 31	3,5 mm	Birch	5,5 mm	②	Cfl-s1
Classica	Corona 70	NaturPlus2	Oak, Iroko, Daussia	3,5 mm	Birch	5,5 mm	②	Cfl-s1
Classica	Corona 70	NaturPlus2	all the other wood species*	3,5 mm	Birch	5,5 mm		Dfl-s1
Classica	Corona 70	Matt Plus	Oak	3,5 mm	Birch	5,5 mm	②	Cfl-s1
Classica	Corona 70	Naturplus2 Matt	Oak	3,5 mm	Birch	5,5 mm	②	Cfl-s1
Classica	Corona 70	Invisible Touch	all the wood species*	3,5 mm	Birch	5,5 mm		Dfl-s1
Classica	Corona 70	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	Birch	5,5 mm	①	Cfl-s1
Classica	Corona 70	Oleoature	all the wood species*	3,5 mm	Birch	5,5 mm		Dfl-s1
Classica	Listone 70/90	XPlus2	Oak, Walnut, Morado, Cabreuva km 31	3,5 mm	Birch	7,5 mm	②	Cfl-s1
Classica	Listone 70/90	NaturPlus2	Oak	3,5 mm	Birch	7,5 mm	②	Cfl-s1
Classica	Listone 70/90	NaturPlus2	all the other wood species*	3,5 mm	Birch	7,5 mm		Dfl-s1
Classica	Listone 70/90	Matt Plus	Oak	3,5 mm	Birch	7,5 mm	③	Cfl-s1
Classica	Listone 70/90	Naturplus2 Matt	Oak	3,5 mm	Birch	7,5 mm	③	Cfl-s1
Classica	Listone 70/90	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	Birch	7,5 mm	①	Cfl-s1
Classica	Listone 70/90	"fireproof" oil finish upon customer's requirement**	Walnut	3,5 mm	Birch	7,5 mm	①	Cfl-s1
Classica	Listone 70/90	Oleoature	all the wood species*	3,5 mm	Birch	7,5 mm		Dfl-s1
Classica	Listone 70/90	Invisible Touch	all the wood species*	3,5 mm	Birch	7,5 mm		Dfl-s1
Classica	Listone 70/90	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	Birch	7,5 mm	①	Cfl-s1
Classica	Listone 70/90 - 12,5 mm	XPlus2	all the wood species*	3,5 mm	Pine	9,0 mm		Dfl-s1
Classica	Listone 70/90 - 12,5 mm	NaturPlus2	all the wood species*	3,5 mm	Pine	9,0 mm		Dfl-s1
Classica	Listone 70/90 - 12,5 mm	Matt Plus	all the wood species*	3,5 mm	Pine	9,0 mm		Dfl-s1
Classica	Listone 70/90 - 12,5 mm	Naturplus2 Matt	all the wood species*	3,5 mm	Pine	9,0 mm		Dfl-s1
Classica	Listone 70/90 - 12,5 mm	Oleoature	all the wood species*	3,5 mm	Pine	9,0 mm		Dfl-s1
Classica	Listone 70/90 - 12,5 mm	Invisible Touch	all the wood species*	3,5 mm	Pine	9,0 mm		Dfl-s1
Classica	Listone 140/190	XPlus2	Oak, Walnut, Morado, Cabreuva km 31	3,5 mm	Birch	9,0 mm	②	Cfl-s1
Classica	Listone 140/190	NaturPlus2	Oak	3,5 mm	Birch	9,0 mm	②	Cfl-s1
Classica	Listone 140/190	NaturPlus2	all the other wood species*	3,5 mm	Birch	9,0 mm		Dfl-s1
Classica	Listone 140/190	Matt Plus	Oak	3,5 mm	Birch	9,0 mm	③	Cfl-s1
Classica	Listone 140/190	Naturplus2 Matt	Oak	3,5 mm	Birch	9,0 mm	③	Cfl-s1
Classica	Listone 140/190	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm	①	Cfl-s1
Classica	Listone 140/190	"fireproof" oil finish upon customer's requirement**	Walnut	3,5 mm	Birch	9,0 mm	①	Cfl-s1
Classica	Listone 140/190	Oleoature	all the wood species*	3,5 mm	Birch	9,0 mm		Dfl-s1
Classica	Listone 140/190	Invisible Touch	all the wood species*	3,5 mm	Birch	9,0 mm		Dfl-s1
Classica	Listone 140/190	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm	①	Cfl-s1
Classica	Plank 140/190/230	XPlus2	Oak, Walnut, Morado, Cabreuva km 31	5 mm	Birch	9,0 mm	②	Cfl-s1
Classica	Plank 140/190/230	NaturPlus2	Oak	5 mm	Birch	9,0 mm	②	Cfl-s1
Classica	Plank 140/190/230	NaturPlus2	all the other wood species*	5 mm	Birch	9,0 mm		Dfl-s1
Classica	Plank 140/190/230	Matt Plus	Oak	5 mm	Birch	9,0 mm	②	Cfl-s1
Classica	Plank 140/190/230	Naturplus2 Matt	Oak	5 mm	Birch	9,0 mm	②	Cfl-s1
Classica	Plank 140/190/230	Oleoature	Oak	5 mm	Birch	9,0 mm	②	Cfl-s1
Classica	Plank 140/190/230	Oleoature	all the other wood species*	5 mm	Birch	9,0 mm		Dfl-s1
Classica	Plank 140/190/230	"fireproof" oil finish upon customer's requirement**	Walnut	5 mm	Birch	9,0 mm	①	Cfl-s1
Classica	Plank 140/190/230	Invisible Touch	Oak	5 mm	Birch	9,0 mm	③	Cfl-s1
Classica	Plank 140/190/230	Invisible Touch	all the other wood species*	5 mm	Birch	9,0 mm		Dfl-s1
Atelier	Heritage	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm	①	Cfl-s1
Atelier	Heritage	"fireproof" oil finish upon customer's requirement**	Walnut	3,5 mm	Birch	9,0 mm	①	Cfl-s1
Atelier	Heritage	Oleoature	all the wood species*	3,5 mm	Birch	9,0 mm		Dfl-s1
Atelier	Heritage	Invisible Touch	all the wood species*	3,5 mm	Birch	9,0 mm		Dfl-s1
Atelier	Heritage	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm	①	Cfl-s1
Atelier	Réserve	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm	①	Cfl-s1
Atelier	Réserve	Oleoature	Oak	3,5 mm	Birch	9,0 mm		Dfl-s1
Atelier	Réserve	Invisible Touch	Oak	3,5 mm	Birch	9,0 mm		Dfl-s1
Atelier	Quattrocento Italiano	Oleoature	Oak	5 mm	Birch	9,0 mm	②	Cfl-s1
Atelier	Quattrocento Italiano	Invisible Touch	Oak	5 mm	Birch	9,0 mm	③	Cfl-s1
Atelier	Ancien	Oleoature	Oak	5 mm	Birch	9,0 mm	②	Cfl-s1
Atelier	Ancien	Oleoature	Walnut, Cherry	5 mm	Birch	9,0 mm		Dfl-s1
Atelier	Ancien	"fireproof" oil finish upon customer's requirement**	Walnut	5 mm	Birch	9,0 mm	①	Cfl-s1
Atelier	Deco	Oleoature	Oak, Walnut, Teak	5 mm	Birch	9,0 mm		Dfl-s1
Atelier	Deco	"fireproof" oil finish upon customer's requirement**	Walnut	3,5 mm	Birch	9,0 mm	①	Cfl-s1
Atelier	Undici	Invisible Touch	Oak	3,5 mm	Birch	9,0 mm		Dfl-s1
Atelier	Undici	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm	①	Cfl-s1
Natural Genius	Medoc 18 mm	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	-	-	①	Cfl-s1
Natural Genius	Medoc 18 mm	Oleoature	Oak	3,5 mm	-	-		Dfl-s1
Natural Genius	Medoc 2-layers	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm	①	Cfl-s1
Natural Genius	Medoc 2-layers	Oleoature	all the wood species*	3,5 mm	Birch	9,0 mm		Dfl-s1
Natural Genius	Medoc 2-layers	Invisible Touch	all the wood species*	3,5 mm	Birch	9,0 mm		Dfl-s1
Natural Genius	Medoc 2-layers	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm		Cfl-s1
Natural Genius	Medoc 2-layers	NaturPlus2	Oak	3,5 mm	Birch	9,0 mm	②	Cfl-s1
Natural Genius	Quadrone 2-layers	Oleoature	Oak	3,5 mm	Birch	9,0 mm		Dfl-s1
Natural Genius	Quadrone 2-layers	Invisible Touch	Oak	3,5 mm	Birch	9,0 mm		Dfl-s1
Natural Genius	Quadrone 2-layers	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm	①	Cfl-s1
Natural Genius	Quadrone 2-layers	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm	①	Cfl-s1
Natural Genius	Quadrone	finish after the installation	Teak	18,5 mm	-	-		Dfl-s1
Natural Genius	Vibrazioni	Oleoature	Oak	3,5 mm	Birch	9,0 mm		Dfl-s1
Natural Genius	Vibrazioni	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm	①	Cfl-s1
Natural Genius	Slide - 13 mm	NaturPlus2	Oak	1 mm	-	-		Dfl-s1
Natural Genius	Factum - 13 mm	NaturPlus2 Matt	Oak	1 mm	-	-		Dfl-s1
Natural Genius	Perigal - 13 mm	Oleoature	Lime	1 mm	-	-		Dfl-s1

**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							
Natural Genius	Slide 2-layers - 12,5 mm	Oleonauture	Oak	3,5 mm	Birch	9,0 mm		D <sub>fl-s1</sub>
Natural Genius	Slide 2-layers - 12,5 mm	Naturplus2	Oak	3,5 mm	Birch	9,0 mm	②	C <sub>fl-s1</sub>
Natural Genius	Slide 2-layers - 12,5 mm	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm	①	C <sub>fl-s1</sub>
Natural Genius	Foxtrot - 13 mm	NaturPlus2	Oak	1 mm	-	-		D <sub>fl-s1</sub>
Natural Genius	Foxtrot 2-layers - 12,5 mm	Oleonauture	Oak	3,5 mm	Birch	9,0 mm		D <sub>fl-s1</sub>
Natural Genius	Foxtrot 2-layers - 12,5 mm	"fireproof" oil finish upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm	①	C <sub>fl-s1</sub>
Natural Genius	Foxtrot 2-layers - 12,5 mm	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm	①	C <sub>fl-s1</sub>
Natural Genius	Foxtrot 2-layers - 12,5 mm	Invisible Touch	Oak	3,5 mm	Birch	9,0 mm		D <sub>fl-s1</sub>
Natural Genius	Fabrique	Oleonauture	Birch	3,5 mm	Birch	9,0 mm		D <sub>fl-s1</sub>
Natural Genius	Fabrique	"fireproof" oil finish upon customer's requirement**	Birch	3,5 mm	Birch	9,0 mm	①	C <sub>fl-s1</sub>
Natural Genius	Avenue	Matt Plus	Oak	3,5 mm	Birch	9,0 mm	②	C <sub>fl-s1</sub>
Natural Genius	Between	Invisible Touch	Oak	3,5 mm	Birch	9,0 mm		D <sub>fl-s1</sub>
Natural Genius	Between	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm	①	C <sub>fl-s1</sub>
Natural Genius	Conte	Invisible Touch	Oak	3,5 mm	Birch	9,0 mm		D <sub>fl-s1</sub>
Natural Genius	Conte	Invisible Touch Ignifugo ("fireproof") upon customer's requirement**	Oak	3,5 mm	Birch	9,0 mm	①	C <sub>fl-s1</sub>
Natural Genius	Loop	Oleonauture	Ayous	2,5 mm	Birch	9,0 mm		D <sub>fl-s1</sub>
Natural Genius	Biscuit	Invisible Touch	Oak	3,5 mm	Birch	9,0 mm		D <sub>fl-s1</sub>
M+	Mood	oiled	Oak	2,5 mm	-	-		D <sub>fl-s1</sub>
M+	Basic 150	"special varnish" upon customer's requirement**	Oak	3,5 mm	-	-	①	C <sub>fl-s1</sub>
M+	Basic 150	Oleonauture	Oak	3,5 mm	-	-		D <sub>fl-s1</sub>
M+	Tabula	"special varnish" upon customer's requirement**	Oak	3,5 mm	-	-	①	C <sub>fl-s1</sub>
M+	Tabula	Oleonauture	Oak	3,5 mm	-	-		D <sub>fl-s1</sub>
M+	Linea (11 mm thick)	varnished matt (transparent)	Oak	3,5 mm	Birch	7,5	①	C <sub>fl-s1</sub>
M+	Linea (12 mm thick)	varnished matt (transparent)	Oak	2,5 mm	Birch	9,5	①	C <sub>fl-s1</sub>
M+	Linea (15 mm thick)	varnished matt (transparent)	Oak	4,0 mm	Birch	11,0	①	C <sub>fl-s1</sub>

\* 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 - Wengé - Jatoba