



FR Certified





Fabrics are classified as fire retardant ("FR") when they comply with fire retardant safety standards. These standards can vary from country to country, so it is very important that the fabric you are specifying meets the relevant standards at the project's construction site. Fire safety is incredibly important when it comes to interior textiles and the contract interiors sector. Decorative fabrics with high performance, even in potentially unsafe situations, can help ensure that built environments are safe places to live and work.

# FR CERTIFICATES

## **AMERICAN CAL 117 PART 1 (CS191 53)**

The test material is placed on a simulated chair and exposed to a lit cigarette.

Official Countries: United States, USA

Recommended Countries: Canada, Virgin Islands, American Samoa, Guam, Aruba

## **AMERICAN MVSS 302**

The flame is applied to a test specimen to determine the combustion behavior of a fabric used inside motor vehicles.

Official Countries: United States, USA

Recommended Countries: Canada, Virgin Islands, American Samoa, Guam, Aruba.

## **AMERICAN NFPA 255**

The aim of the test is to provide a comparative measurement of flame propagation on the surface and smoke development of the materials with that of a selected quality red oak and a reinforced cement board under specific fire exposure conditions.

Official Countries: United States

Recommended Countries: Canada, Virgin Islands, American Samoa, Guam, Aruba.

## **AMERICAN NFPA 260 CLASS 1**

The test material is placed on a simulated chair and exposed to a lit cigarette.

Official Countries: Palestine, United States and Peru.

Recommended Countries: Costa Rica, Canada, Virgin Islands, American Samoa, Guam, Aruba.

## **AMERICAN NFPA 701**

A burner flame is applied to a vertically oriented fabric to determine the spread of the flame.

Official Countries: Palestine, United States and Peru.

Recommended Countries: Costa Rica, Canada, Virgin Islands, American Samoa, Guam, Aruba.

# FR CERTIFICATES

## BRITISH BS 5852 SOURCE 0, 1,5 (CIGARETTE MATCH) AND CRIB 5

Different ignition sources are applied to a test bench built to examine the combustion behavior of a test material.

Official Countries: United Kingdom and Northern Ireland.

### Recommended Countries:

**Africa:** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Republic of Congo, Ivory Coast, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Saint Helena, Saint Thomas and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Iran, Tunisia, Uganda, Zambia, Zimbabwe.

**Asia:** Afghanistan, Armenia, Azerbaijan, Bahrain, Bangladesh, Bhutan, Brunei, Cambodia, Cameroon, People's Republic of China, Christmas Island, Georgia, Hong Kong, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, North Korea, South Korea, Kuwait, Kyrgyzstan, Laos, Lebanon, Macao, Malaysia, Maldives, Mongolia, Myanmar, Nepal, Oman, Pakistan, Palestine, Philippines, Qatar, Saudi Arabia, Singapore, Sri Lanka, Syria, Taiwan, Tajikistan, Thailand, Peru, Turkmenistan, United Arab Emirates, Uzbekistan, Vietnam, Yemen.

**Europe:** Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Faroe Islands, Gibraltar, Greenland, Guernsey, Hungary, Iceland, Isle of Man, Jersey, Macedonia, Moldova, Monaco, Romania, Russia, Svalbard and Jan Mayen.

**North America:** Bermuda, Canada, Cayman Islands, Mexico, Montserrat, Puerto Rico.

**South America:** Argentina, Bolivia, Bonaire, Brazil, Chile, Curaçao, Ecuador, Falkland Islands, French Guiana, Netherlands Antilles, Paraguay, Peru, South Georgia and the South Sandwich Islands, Uruguay.

**Central America:** Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama.

# FR CERTIFICATES

## BRITISH BS 7176

Specification for ignition resistance of upholstered furniture for non-domestic seating by means of composite testing. This standard refers to British test standards BS 5852 source 0, 1.5 (cigarette, phosphorus) and (CRIB 5), BS European EN 1021 Part 1 and 2-1 or BS European EN 1021 Part 1 and 2-2, depending on the end-use environment involved.

Official Countries: United Kingdom and Northern Ireland.

Recommended Countries:

**Africa:** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Republic of Congo, Ivory Coast, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Saint Helena, Saint Thomas and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Iran, Tunisia, Uganda, Zambia, Zimbabwe.

**Asia:** Afghanistan, Armenia, Azerbaijan, Bahrain, Bangladesh, Bhutan, Brunei, Cambodia, Cameroon, People's Republic of China, Christmas Island, Georgia, Hong Kong, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, North Korea, South Korea, Kuwait, Kyrgyzstan, Laos, Lebanon, Macao, Malaysia, Maldives, Mongolia, Myanmar, Nepal, Oman, Pakistan, Palestine, Philippines, Qatar, Saudi Arabia, Singapore, Sri Lanka, Syria, Taiwan, Tajikistan, Thailand, Peru, Turkmenistan, United Arab Emirates, Uzbekistan, Vietnam, Yemen.

**Europe:** Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Faroe Islands, Gibraltar, Greenland, Guernsey, Hungary, Iceland, Isle of Man, Jersey, Macedonia, Moldova, Monaco, Romania, Russia, Svalbard and Jan Mayen.

**North America:** Bermuda, Canada, Cayman Islands, Mexico, Montserrat, Puerto Rico.

**South America:** Argentina, Bolivia, Bonaire, Brazil, Chile, Curaçao, Ecuador, Falkland Islands, French Guiana, Netherlands Antilles, Paraguay, Peru, South Georgia and the South Sandwich Islands, Uruguay.

**Central America:** Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama.

# FR CERTIFICATES

## EUROPEAN EN 1021 PART 1 AND 2

The test fabric is exposed to different ignition sources, namely a lit cigarette and a butane flame, to examine its combustion behavior.

Official Countries: Andorra, Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Republic of Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Monaco, Netherlands, Northern Ireland, Poland, Portugal, Romania, San Marino, Slovakia, Spain, Sweden, Ukraine, United Kingdom, Vatican City.

### Recommended Countries:

**Africa:** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Republic of Congo, Ivory Coast, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Saint Helena, Saint Thomas and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Iran, Tunisia, Uganda, Zambia, Zimbabwe.

**Asia:** Afghanistan, Armenia, Azerbaijan, Bahrain, Bangladesh, Bhutan, Brunei, Cambodia, Cameroon, People's Republic of China, Christmas Island, Georgia, Hong Kong, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, North Korea, South Korea, Kuwait, Kyrgyzstan, Laos, Lebanon, Macao, Malaysia, Maldives, Mongolia, Myanmar, Nepal, Oman, Pakistan, Palestine, Philippines, Qatar, Saudi Arabia, Singapore, Sri Lanka, Syria, Taiwan, Tajikistan, Thailand, Peru, Turkmenistan, United Arab Emirates, Uzbekistan, Vietnam, Yemen.

**Europe:** Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Faroe Islands, Gibraltar, Greenland, Guernsey, Hungary, Iceland, Isle of Man, Jersey, Macedonia, Moldova, Monaco, Romania, Russia, Svalbard and Jan Mayen.

**North America:** Bermuda, Canada, Cayman Islands, Mexico, Montserrat, Puerto Rico.

**South America:** Argentina, Bolivia, Bonaire, Brazil, Chile, Curaçao, Ecuador, Falkland Islands, French Guiana, Netherlands Antilles, Paraguay, Peru, South Georgia and the South Sandwich Islands, Uruguay.

**Central America:** Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama.

# FR CERTIFICATES

## EUROPEAN EN 13773

A flame is applied to a vertically oriented test fabric to determine the burning behavior.

Official Countries: Andorra, Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Republic of Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Monaco, Netherlands, Northern Ireland, Poland, Portugal, Romania, San Marino, Slovakia, Spain, Sweden, Ukraine, United Kingdom, Vatican City.

Recommended Countries:

**Africa:** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Republic of Congo, Ivory Coast, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Saint Helena, Saint Thomas and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Iran, Tunisia, Uganda, Zambia, Zimbabwe.

**Asia:** Afghanistan, Armenia, Azerbaijan, Bahrain, Bangladesh, Bhutan, Brunei, Cambodia, Cameroon, People's Republic of China, Christmas Island, Georgia, Hong Kong, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, North Korea, South Korea, Kuwait, Kyrgyzstan, Laos, Lebanon, Macao, Malaysia, Maldives, Mongolia, Myanmar, Nepal, Oman, Pakistan, Palestine, Philippines, Qatar, Saudi Arabia, Singapore, Sri Lanka, Syria, Taiwan, Tajikistan, Thailand, Peru, Turkmenistan, United Arab Emirates, Uzbekistan, Vietnam, Yemen.

**Europe:** Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Faroe Islands, Gibraltar, Greenland, Guernsey, Hungary, Iceland, Isle of Man, Jersey, Macedonia, Moldova, Monaco, Romania, Russia, Svalbard and Jan Mayen.

**North America:** Bermuda, Canada, Cayman Islands, Mexico, Montserrat, Puerto Rico.

**South America:** Argentina, Bolivia, Bonaire, Brazil, Chile, Curaçao, Ecuador, Falkland Islands, French Guiana, Netherlands Antilles, Paraguay, Peru, South Georgia and the South Sandwich Islands, Uruguay.

**Central America:** Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama.

# FR CERTIFICATES

## **FRENCH NF P 92 503 507 (M1)**

This certificate can be carried out through 3 types of tests: 1- Electric burner test (for 503), 2- Complete flame spread rate test (for 504) and 3- Drip test (for 505).

Official countries: Belgium, Bulgaria, France, Luxembourg, Mayotte and Monaco.

### Recommended Countries:

**Africa:** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Republic of Congo, Ivory Coast, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Saint Helena, Saint Thomas and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Iran, Tunisia, Uganda, Zambia, Zimbabwe.

**Asia:** Afghanistan, Armenia, Azerbaijan, Bahrain, Bangladesh, Bhutan, Brunei, Cambodia, Cameroon, People's Republic of China, Christmas Island, Georgia, Hong Kong, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, North Korea, South Korea, Kuwait, Kyrgyzstan, Laos, Lebanon, Macao, Malaysia, Maldives, Mongolia, Myanmar, Nepal, Oman, Pakistan, Palestine, Philippines, Qatar, Saudi Arabia, Singapore, Sri Lanka, Syria, Taiwan, Tajikistan, Thailand, Peru, Turkmenistan, United Arab Emirates, Uzbekistan, Vietnam, Yemen.

**Europe:** Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Faroe Islands, Gibraltar, Greenland, Guernsey, Hungary, Iceland, Isle of Man, Jersey, Macedonia, Moldova, Monaco, Romania, Russia, Svalbard and Jan Mayen.

**North America:** Bermuda, Canada, Cayman Islands, Mexico, Montserrat, Puerto Rico.

**South America:** Argentina, Bolivia, Bonaire, Brazil, Chile, Curaçao, Ecuador, Falkland Islands, French Guiana, Netherlands Antilles, Paraguay, Peru, South Georgia and the South Sandwich Islands, Uruguay.

**Central America:** Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama.

# FR CERTIFICATES

## GERMAN DIN 4102 (B1)

This certificate can be carried out through 3 types of tests: 1- Electric burner test (for 503), 2- Complete flame spread rate test (for 504) and 3- Drip test (for 505).

Official countries: Belgium, Bulgaria, France, Luxembourg, Mayotte and Monaco.

### Recommended Countries:

**Africa:** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Republic of Congo, Ivory Coast, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Saint Helena, Saint Thomas and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Iran, Tunisia, Uganda, Zambia, Zimbabwe.

**Asia:** Afghanistan, Armenia, Azerbaijan, Bahrain, Bangladesh, Bhutan, Brunei, Cambodia, Cameroon, People's Republic of China, Christmas Island, Georgia, Hong Kong, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, North Korea, South Korea, Kuwait, Kyrgyzstan, Laos, Lebanon, Macao, Malaysia, Maldives, Mongolia, Myanmar, Nepal, Oman, Pakistan, Palestine, Philippines, Qatar, Saudi Arabia, Singapore, Sri Lanka, Syria, Taiwan, Tajikistan, Thailand, Peru, Turkmenistan, United Arab Emirates, Uzbekistan, Vietnam, Yemen.

**Europe:** Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Faroe Islands, Gibraltar, Greenland, Guernsey, Hungary, Iceland, Isle of Man, Jersey, Macedonia, Moldova, Monaco, Romania, Russia, Svalbard and Jan Mayen.

**North America:** Bermuda, Canada, Cayman Islands, Mexico, Montserrat, Puerto Rico.

**South America:** Argentina, Bolivia, Bonaire, Brazil, Chile, Curaçao, Ecuador, Falkland Islands, French Guiana, Netherlands Antilles, Paraguay, Peru, South Georgia and the South Sandwich Islands, Uruguay.

**Central America:** Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama.

# FR CERTIFICATES

## IMO FTPC P7 (TEXTILES AND FILMS FIRE TEST MARINE EQUIPMENT)

A sample of the marine fabric to be tested is oriented vertically. A flame is applied to it to determine the burning behavior.

Official Countries: Afghanistan,Albania,Algeria,Andorra,Angola,Antigua and Barbuda,Argentina,Armenia

Ashmore and Cartier,Australia,Austria,Azerbaijan,Bahamas,Bahrain,Bangladesh,Barbados,Belarus Belgium,Belize,Benin,Bhutan,Bolivia,Bosnia and Herzegovina,Botswana,Brazil,British Indian Ocean Territory,Brunei,Bulgaria,Burkina Faso,Burundi,Cambodia,Cameroon,Canada,Cape Verde,Central African Republic,Chad,Chile,People's Republic of China,Christmas Island,Cocos Islands,Colombia,Comoros,Democratic Republic of Congo,Republic of Congo,Cook Islands,Costa Rica,Ivory Coast,

Croatia,Cuba,Cyprus,Czech Republic,Denmark,Djibouti,Dominica,Dominican Republic,East Timor,Ecuador,Egypt,El Salvador,Equatorial

Guinea,Eritrea,Estonia,Ethiopia,Fiji,Finland,France,Gabon,Gambia,Georgia,Germany,Ghana,Greece,Greenland,Grenada,Guatemala,Guinea,Guinea Bissau,Guyana,Haiti,Honduras,Hong

Kong,Hungary,Iceland,India,Indonesia,Iran,Iraq,Republic of Ireland,Israel,

Italy,Jamaica,Jordan,Kazakhstan,Kenya,Kiribati,North Korea,South

Korea,Kosovo,Kuwait,Kyrgyzstan,Laos,Latvia,Lebanon,Lesotho,Liberia,Libya,Liechtenstein,Lithuania,Luxembourg, Macau,Macedonia,Madagascar,Malawi,Malaysia,Maldives,Mali,Malta,Marshall

Islands,Mauritania,Mayotte,Mexico,Federated States of

Micronesia,Moldova,Monaco,Mongolia,Montenegro,Morocco,Mozambique,Myanmar,Namibia,Nauru

Nepal, Netherlands, Netherlands Antilles, New Caledonia, New Zealand, Nicaragua, Niger, Nigeria, Niue, Norfolk Islands, Northern Ireland, Norway, Oman, Pakistan, Palau, Panama, Papua New Guinea,

Paraguay, Peru, Philippines, Poland, Portugal, Puerto Rico, Qatar, Reunion, Romania, Russia, Rwanda, Saint Kitts and Nevis, Saint Lucia, Saint Martin, Samoa, Saint Marino, Saint Thomas and Principe, Saudi

Arabia, Senegal, Serbia, Seychelles,

Sierra Leone,Singapore,Slovakia,Slovenia,Solomon Islands,Somalia,South Africa,Spain,Sri Lanka

Saint Vincent and the Grenadines, Sudan, Suriname, Swaziland, Sweden, Switzerland, Syria, Taiwan, Tajikistan, Tanzania, Thailand, Iran, Tonga, Trinidad and Tobago, Turkmenistan, Tuvalu, Ukraine, United

Arab Emirates, United Kingdom, United States, Uruguay, Uzbekistan, Vanuatu, Vatican City, Venice, Vietnam.

# FR CERTIFICATES

## IMO FTPC P8 (UPHOLSTERED FURNITURE FIRE TEST TO MARINE EQUIPMENT)

A sample of the marine fabric to be tested is oriented vertically. A flame is applied to it to determine the burning behavior.

Official Countries: Afghanistan,Albania,Algeria,Andorra,Angola,Antigua and Barbuda,Argentina,Armenia

Ashmore and Cartier,Australia,Austria,Azerbaijan,Bahamas,Bahrain,Bangladesh,Barbados,Belarus Belgium,Belize,Benin,Bhutan,Bolivia,Bosnia and Herzegovina,Botswana,Brazil,British Indian Ocean Territory,Brunei,Bulgaria,Burkina Faso,Burundi,Cambodia,Cameroon,Canada,Cape Verde,Central African Republic,Chad,Chile,People's Republic of China,Christmas Island,Cocos Islands,Colombia,Comoros,Democratic Republic of Congo,Republic of Congo,Cook Islands,Costa Rica,Ivory Coast,

Croatia,Cuba,Cyprus,Czech Republic,Denmark,Djibouti,Dominica,Dominican Republic,East Timor,Ecuador,Egypt,El Salvador,Equatorial

Guinea,Eritrea,Estonia,Ethiopia,Fiji,Finland,France,Gabon,Gambia,Georgia,Germany,Ghana,Greece,Greenland,Grenada,Guatemala,Guinea,Guinea Bissau,Guyana,Haiti,Honduras,Hong Kong,Hungary,Iceland,India,Indonesia,Iran,Iraq,Republic of Ireland,Israel,

Italy,Jamaica,Jordan,Kazakhstan,Kenya,Kiribati,North Korea,South

Korea,Kosovo,Kuwait,Kyrgyzstan,Laos,Latvia,Lebanon,Lesotho,Liberia,Libya,Liechtenstein,Lithuania,Luxembourg,Macau,Macedonia,Madagascar,Malawi,Malaysia,Maldives,Mali,Malta,Marshall Islands,Mauritania,Mayotte,Mexico,Federated States of

Micronesia,Moldova,Monaco,Mongolia,Montenegro,Morocco,Mozambique,Myanmar,Namibia,Nauru Nepal, Netherlands, Netherlands Antilles, New Caledonia, New Zealand, Nicaragua, Niger, Nigeria, Niue, Norfolk Islands, Northern Ireland, Norway, Oman, Pakistan, Palau, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Portugal, Puerto Rico, Qatar, Reunion, Romania, Russia, Rwanda, Saint Kitts and Nevis, Saint Lucia, Saint Martin, Samoa, Saint Marino, Saint Thomas and Principe, Saudi Arabia, Senegal, Serbia, Seychelles,

Sierra Leone,Singapore,Slovakia,Slovenia,Solomon Islands,Somalia,South Africa,Spain,Sri Lanka Saint Vincent and the Grenadines, Sudan, Suriname, Swaziland, Sweden, Switzerland, Syria, Taiwan, Tajikistan, Tanzania, Thailand, Iran, Tonga, Trinidad and Tobago, Turkmenistan, Tuvalu, Ukraine, United Arab Emirates, United Kingdom, United States, Uruguay, Uzbekistan, Vanuatu, Vatican City, Venice, Vietnam.

# FR CERTIFICATES

## ITALIAN UNI 9175 (CLASSE UNO)

A flame is applied to a vertically oriented test fabric to determine the burning behavior.

Official Countries: Andorra, Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Republic of Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Monaco, Netherlands, Northern Ireland, Poland, Portugal, Romania, San Marino, Slovakia, Spain, Sweden, Ukraine, United Kingdom, Vatican City.

### Recommended Countries:

**Africa:** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Republic of Congo, Ivory Coast, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Saint Helena, Saint Thomas and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Iran, Tunisia, Uganda, Zambia, Zimbabwe.

**Asia:** Afghanistan, Armenia, Azerbaijan, Bahrain, Bangladesh, Bhutan, Brunei, Cambodia, Cameroon, People's Republic of China, Christmas Island, Georgia, Hong Kong, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, North Korea, South Korea, Kuwait, Kyrgyzstan, Laos, Lebanon, Macao, Malaysia, Maldives, Mongolia, Myanmar, Nepal, Oman, Pakistan, Palestine, Philippines, Qatar, Saudi Arabia, Singapore, Sri Lanka, Syria, Taiwan, Tajikistan, Thailand, Peru, Turkmenistan, United Arab Emirates, Uzbekistan, Vietnam, Yemen.

**Europe:** Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Faroe Islands, Gibraltar, Greenland, Guernsey, Hungary, Iceland, Isle of Man, Jersey, Macedonia, Moldova, Monaco, Romania, Russia, Svalbard and Jan Mayen.

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**Central America:** Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama.