

APIRO LACK RF 75

Class 1 fire retardant varnish



Description

APIRO LACK RF 75 a coating for fire retarding of class 1, is a polyurethane lacquer based on oil-free polyesters, isocyanic thickeners, solvents, pigments, dimmers and fire-retardant compounds. It is used to make wood resistant to fire in line with the Italian law of 6th March 1992 implementing the UNI 9796 standard. After the treatment as described below, the class of reaction to fire that these wooden items acquire is 1.

Characteristics

Mixture ratio	2/1
Application temperature	+10°C ÷ +25°C
Application	spray / curtain machine roller only for Black color
Thinning (if necessary)	DILUENTE DMC 50
Coverage	400 g/m ²
Dust dry	1 h ⁽¹⁾
Fingerprint dry	3 h ⁽¹⁾
Pot-Life	3 h ⁽¹⁾
Sanding	16 h ⁽¹⁾
Gloss level	from 10 to 35 gloss Black color: 40-45 gloss ⁽²⁾
Chemical and physical characteristics	good
Coating	excellent
Storage stability	1 year ⁽³⁾
Packaging	15 Kg (10 + 5)
Tool cleaning	DILUENTE DNE (with fresh product)

- 1 at 20°C and 65% R.H.
- 2 onto wet film of 90 micron hardened at 20°C and 65% R. H. for 7 days
- 3 in original sealed containers at temperatures between +10°C and +25°C

How to use

APIROLACK RF 75, after being catalysed according to the indicated ratio, mixed uniformly and left "to rest" for at least 10/15 minutes, has to be applied to wooden floors that have been puttied, sanded and carefully vacuumed, according to the following procedure

- * 1st coat: 200 g/m² of product mixed in the ratio of A/B of 2:1 by weight.
- * After about 6 hours sand the coat with a 150/180 grit abrasive paper.
- * 2nd coat: 200 g/m² of product mixed in the ratio of A/B of 2:1 by weight.

N.B.: These quantities are the minimum necessary to achieve a fire retarding effect on wood in compliance with the Ministerial Decree of 6/3/92.

When spraying, calculate extra for the amount dispersed. Carry out several trials to assess the level of this dispersion. When

applying by glazing, check that large-celled wood types do not lead to problems of creating blowholes.

To clean varnished surfaces use plain water or water mixed with a neutral pH detergent. Do not use solvents. CHIMIVER's technical service department is ready to offer further advice and assistance. Nonetheless, all customers must ensure that the product is suitable for their requirements and meets their application and operative needs (if necessary by making preliminary tests). CHIMIVER therefore disclaims all responsibility for any dispute arising from the effect of this product once applied.

APIRO LACK RF 75 is used to confer a "Class 1 reaction to fire" in compliance with the UNI 9796 standard implemented by the Italian law of 6/3/92. From our tests, the finish is not affected by the fire retardant product but, given the very wide range of woods used, it is always worthwhile applying to test pieces to check the final result and appearance.

This technical sheet has been drawn up in compliance with the manufacturer's declaration as per the UNI 9796/CNVVF/CCI law.

Warnings

The aforementioned standard excludes: a) Wood veneered with slices or leaves of wood using thermoplastic resin based glues, b) composites of a cellular or slatted structure with cavities filled with air or with different types of natural materials.

APIRO LACK RF 75

Class 1 fire retardant varnish



Label elements

Comp.A	<p>· Highly flammable liquid and vapour.· Causes skin irritation.</p> <p>· Keep away from heat / sparks / open flames / hot surfaces. No smoking.· Keep container tightly closed.· Wash thoroughly with water after use.· Wear protective gloves / protective clothing / eye protection / face protection.· IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.· If skin irritation occurs: Get medical advice / attention.· In case of fire: use water to extinguish.</p>

Comp.B	<p>· Highly flammable liquid and vapour.· Causes serious eye irritation.· May cause an allergic skin reaction.· May cause drowsiness or dizziness.</p> <p>· Repeated exposure may cause skin dryness or cracking.· Contains isocyanates. May produce an allergic reaction.</p> <p>· Keep away from heat / sparks / open flames / hot surfaces. No smoking.· Keep container tightly closed.· Wash thoroughly with water after use.· Contaminated work clothing should not be allowed out of the workplace.· Wear protective gloves / protective clothing / eye protection / face protection.· IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.· Call a POISON CENTER or doctor / physician if you feel unwell.</p> <p>Contents:AROMATIC POLYISOCYANATE; TOLUENE DIISOCYANATE (polymer); ETHYL ACETATE; N-BUTYL ACETATE ;</p>

Web link

Be sure to have the latest version of this technical data sheet downloadable also from the following link:



http://www.chimiver.com/tds/EN_APIRO_LACK_RF_75.pdf

These information are given from the best of our knowledge and technical experience. They are of general character and not binding in any way our company. Every single case should be put to a practical test by the user who assumes the full responsibility of the final result of his work.