TREATED FOR EXTERIOR USE

ROLPIN TRHT / ROLPIN TA / ROLPIN TA Elégia

NP ROLPIN

NF CONTREPLAQUÉ EXTÉRIEUR CTB-X

01/2026

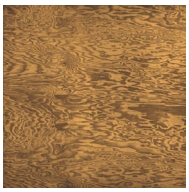
Maritime Pine plywood (origin France)

Designed for exterior applications: timber houses, chalets, garden sheds, fencing, etc.

TRHT



Front I



Back III



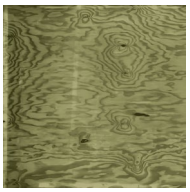
TA



Front I



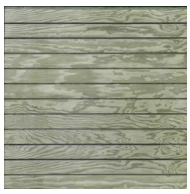
Back II



TA Elégia (grooved)



Front I



Back III



FACE CHARACTERISTICS

Face I: Sanded, knot-free face with wood patches (max. 5/m^2) and filler repairs (except TRHT grade)

Back face II: Sanded face with sound knots, wood patches and filler repairs

Back face III: Unsanded face, unrepaired, with open holes, knots and splits

FORMAT

2500 × 1250 mm
2500 x 1200 mm (Elégia)

THICKNESS

15 mm (TRHT + Elégia)
15 to 18 mm (TA)

DENSITY

560 to 610 kg/m^3

TECHNICAL SPECIFICATIONS

Bonding: Class 3, suitable for exterior conditions (EN 314-2), resistant to water and weathering. Phenolic glue.

Reaction to fire: Euroclass D-s2,d0 (EN 13501-1+A1, thickness > 9 mm)

Thermal conductivity: λ = 0.13 W/m·K

Pentachlorophenol content: < 5 ppm (PCP)

PERFORMANCES

Emissions: E1 classification (EN 13986 + A1). Our test results show values significantly lower than the requirements of the Japanese F**** standard and in compliance with the applicable European requirements (REACH).
Formaldehyde: ≤ 0.062 mg/m^3 – measured in accordance with EN 717-1.

DOP TA: No. 6 is available on www.nprolpin.com
DOP Elégia: No. 7 is available on www.nprolpin.com

Environmental stability: Maritime pine species: Class 3 - 4 (EN 350, Part 2)

Water vapour permeability: 70 µ humid / 200 µ dry

Sound absorption:
250-500 Hz = 0.10
1000-2000 Hz = 0.30

THE PLUS

TRHT: High-temperature treatment

TA + TA Elégia: Class 4 type autoclave treatment

CERTIFICATIONS AND REGULATIONS

TRHT
Marking: CE no. 0380-CPR-4331 - EN 13986 + A1
Non-structural use: Certificate of conformity under **System 2+** according to EN 13986+A1

TA
Marking: CE no. 0380-CPR-11 - EN 13986 + A1
Structural use: Certificate of constancy of performance, **system 2+** according to EN 13986 + A1

TA Elégia (grooved)
Marking: CE no. 0380-CPR-11 - EN 13986 + A1
Non-structural use: Certificate of conformity under **System 2+** according to EN 13986+A1

Exterior conditions: Certified NF Contreplaqué Extérieur CTB-X according to EN 636 + A1

MADE IN FRANCE

www.nprolpin.com

Non contractual document. We reserve the right to change the technical specifications of our products without prior notice
Headquarters: 1964 rue de la Grande Lande - 40210 Labouheyre - France - Customer Service: +33 5 58 04 42 71 - contact@nprolpin.com

THICKNESS, PACKAGING

	TRHT	TA		TA Elégia
Dimensions (mm)	2500 x 1250	2500 x 1250	2500 x 1250	2500 x 1200
Thickness (mm)	15	15	18	15
Packaging (panels)	40	40	33	40

PANEL DIMENSIONAL TOLERANCES

They are in compliance with standard EN 315 requirements:

- Length/width dimensional tolerance: ±3.5 mm
- Straightness of edges and squaring: 1 mm per linear metre

MECHANICAL SPECIFICATIONS according to NF 789 / EN 1058

		TRHT	TA 15 mm	TA 18 mm	TA Elégia
Modulus of elasticity in flexure N/mm² Average values	**Em.0.50**	NA	8490	8410	NA
	Em.90.50	NA	4100	4180	NA
Flexure strength N/mm² characteristic values at 5% exclusion	**Fm.0.05**	NA	24.9	24.6	NA
	Fm.90.05	NA	12.0	12.3	NA

PERFORMANCES

TA treatment: The full-depth preservative treatment provides the wood with excellent durability and protection against decay and fungal growth. The panels are suitable for use as supplied, without additional protective treatment, under the installer's responsibility. The preservative treatment is carried out using a chrome- and arsenic-free product, which, according to currently available information, presents no toxicological risk to human health or the environment.

TRHT treatment: Treated for exterior use, it offers enhanced dimensional stability.

IMPLEMENTATION

Comply with best practice, safety regulations and the applicable building codes.
TA/TA Elégia: Seal all cut edges with a suitable end-grain preservative.

STORAGE

Panels should be stored in a covered and dry place and kept flat and level on dry rafters keeping them off the ground. Spacing between rafters should be adapted to the thickness and the nature of the panels stored. In case of storage in several piles, align the supports in height. On a construction site, plan for shelter or for covering of the panels that is water repellent and permeable to water vapour.

RESISTANCE AT FASTENINGS (e = 15 mm)

Nails	Average lift-off force	Rough finish and edge: 30 daN
Screw	Average traction force	Rough finish: 145 daN / Edge: 115 daN

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