C14 / C24

45×220 Scandinavian spruce CONSTRUCTION TIMBER C24 2.40-4.80 m

Wood species: Scandinavian spruce.

C24 STRUCTURAL TIMBER | BOIS | INTÉRIEUR ET EXTÉRIEUR



IDENTIFICATION

Dartank reference	**D7W121**
Dartank EAN	**3701839311134**
Material	**C24 structural timber**
Thickness	**45 mm**
Sales unit	**Linear metre**

OVERVIEW

Overview

Solid spruce, kiln-dried to 15–18% moisture, planed and strength-graded C24. CE mark on every piece. For roof structures, framing, joists and outdoor builds.

KEY BENEFITS

01
C24 graded
Characteristic bending strength of at least 24 N/mm² at 12% moisture.

02
CE marked
Every piece carries the CE mark.

03
Kiln-dried
15–18% moisture; drying eliminates insects and fungi.

04
Planed all round
Smooth surface, ready to use.

05
Kiln-dried
Kiln-dried spruce with a planed surface.

06
Uses
Roof structures, timber framing, joists and garden buildings.

PRODUCT CHARACTERISTICS

Material	**Bois**
Wood species	**Épicéa scandinave**
Width	**220 mm**
Profile	**S4S**
Application	**Intérieur et extérieur**
Length	**2,40-4,80 mb**
Protection	**Aucune**
Strength class	**C24**

THE MATERIAL

C24 structural timber

Strength-graded C24 solid spruce, kiln-dried and planed.

Species	**Norway spruce (Picea abies)**
Moisture content on delivery	**15–18 %**

PERFORMANCE AND TEST RESULTS

Property	Standard	Result
Strength class	EN 338	**C24**
Characteristic bending strength	EN 338	**24 N/mm²** (à 12 % d'humidité · requirement ≥ 24)

INSTALLATION

Storage

- **Stacking** Stack boards flat, strapped and/or evenly weighted, allowing air to circulate.
- **Shelter** Store in a dry place protected from water and UV.
- **Stacking** Unsecured storage risks cupping and twisting.

QUANTITIES

COVERAGE PER LINEAR METER — 5% cutting waste

LENGTH	BILLED	BARS
2 ml	2.1 ml	2
6 ml	6.3 ml	4
12 ml	12.6 ml	7
24 ml	25.2 ml	13

WARNINGS

- **Natural material** 100% natural, hygroscopic wood: it swells in wet weather and shrinks in hot weather. Grain and colour vary from board to board.
- **Natural material** Outdoors, weathering, deformation, cracking and dimensional change are natural for wood and are not grounds for a claim.

Non-contractual document. Values are given for guidance; official documents are available on request.