C14 / C24

# 45×145 Scandinavian spruce CONSTRUCTION TIMBER C24 2.40-4.80 m

Wood species: Scandinavian spruce.

C24 STRUCTURAL TIMBER | BOIS | INTÉRIEUR ET EXTÉRIEUR




## IDENTIFICATION

| | |
|---|---|
| Dartank reference | **D7W124** |
| Dartank EAN | **3701839311103** |
| 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 | **145 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.