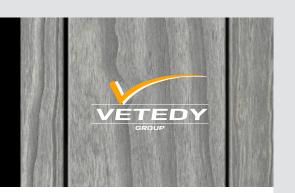
# **DATA SHEET**

Accoya® Color (Gray)



This technical sheet brings together the technological characteristics of wood specie as available according to Accoya®. VETEDY declines all responsibilities in the event of an error or modification of Accoya® data.

## - ACCOYA® COLOR IS AVAILABLE IN













#### **NEW**



#### **AFTER 6 MONTHS**



Trade name: Accoya® Color

Latin name: Pinus Radiata

Origin: Océanie

# Certifications subject to availability:

















#### NATURAL WOOD

Sapwood: Not very distinct

Color: Gray

**Grain:** Straight

Cross grain: Absent

Interlocked grain: Thin

Quality: A1

**Density:** On average at 510 Kg/m3 - 65% RH,

20°C, 400 to 600Kg/m3

#### **Hardness:**

Janka: ASTM D143. Side 4100 N (922LBF),

Bout 6600 N (1484 LBF).

Brinell: 2.4 EN 1534 (2010)

Stability: Stable

Surface: Smooth

Ideal for exterior constructions.

#### DURABILITY

Use class: EN 350 Class 1

Covers class 5: No

Accoya® is not affected by contact with salt water or immersion. Immersion tests over 10 years showed some attack on Accoya® by marine organisms but less than that of other sustainable woods tested.

**Impregnability:** A paint or coating does not need to be applied to Accoya® to achieve durability and dimensional stability. Details of the natural weathering of uncoated Accoya® are given in the wood information guide. Most coating systems can be used on Accoya® wood. Various tests have been performed on a variety of oil and water based coating systems. Leading manufacturers have found that their film-forming coating systems on Accoya® last longer than usual. Contact your coating supplier for more information.

### - PHYSICAL CHARACTERISTICS

### Average swelling coefficient and shrinkage:

Humid - 65% RH / 20°C Humid - drying chamber Radial - 0,4%

Radial - 0,7% Tangential - 1,5%

Humid - anhydre\*

Tangential - 0,8%

\*Valeurs moyennes

**Reaction to fire:** Class C in the United States (ASTM 84 US and D in Europe (EN 149915). Accoya® can be fireproofed by a specific treatment.

**Thermal conductivity:** EN 12667,  $\lambda = 0.12$ W/m.K

**Security:** Wood dust can cause respiratory and skin pathologies. When cutting, wood can cause overheating, splinters, etc. Suitable protective equipment must be used.

**Storage:** Since wood is intended for outdoor use, it should be stored as close as possible to outdoor climatic conditions, protected from bad weather and the sun (UV).

**Recycling:** In a sorting center suitable for destruction or revaluation of wood.

Maintenance: See our video on YouTube.

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