



ARTIGIANO LLC

FUJIAN WOOD

FOREST PRODUCTS



**FORESTS
FOR ALL
FOREVER**

FSC - C178436

THE LARGEST SUGI (JAPANESE CEDAR)
FACTORY IN FUJIAN PROVINCE

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WWW.FUJIANWOOD.COM



WOOD FENCES: \$7.3 BILLION MARKET

Wooden fences have been a staple in American yards for centuries, and for good reason. They offer privacy, security, and a classic look that can complement any style of home. In recent years, the market for wood fences in the United States has continued to grow, despite the rise of alternative materials like vinyl and composite.

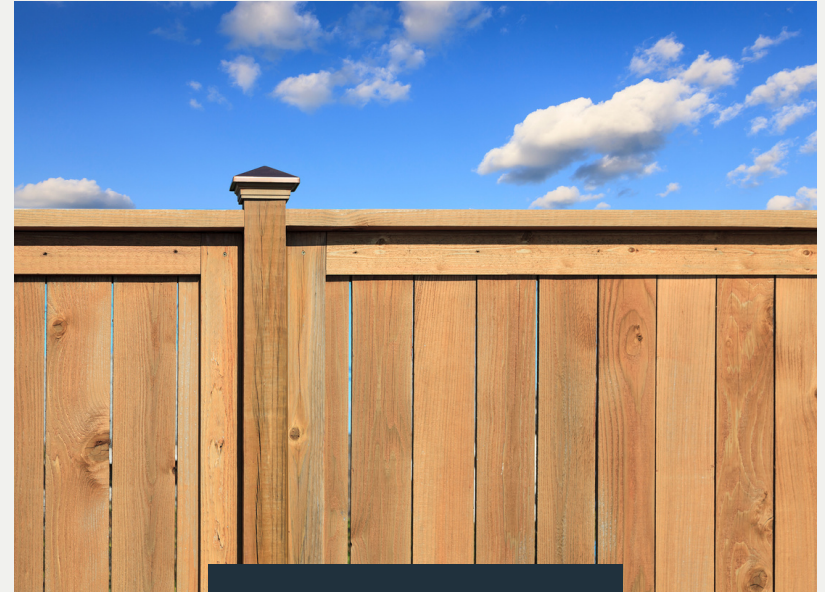
According to a report by Grand View Research, the wooden fencing market in the United States was valued at **\$7.3 billion** in 2020 and is expected to grow at a compound **annual growth rate (CAGR) of 3.9% from 2021 to 2028**. This growth can be attributed to several factors, including the increasing demand for privacy and security, as well as the desire for sustainable and natural building materials.

One major trend in the wooden fencing market is the rise of customization. Homeowners are increasingly looking for unique fence designs and finishes that reflect their personal style.

This has led to a surge in the popularity of specialty woods like Japanese Cedar (SUGI), which offers natural beauty and durability, in addition to the fact that it is possibly the most traditional species of wood used in gardening and landscaping in the whole world, with over 1000 years of recorded use in Asia.

Another factor driving the growth of the wooden fencing market is the increasing popularity of outdoor living spaces. As more homeowners invest in creating beautiful, functional outdoor areas for entertaining and relaxation, the demand for fencing that complements these spaces has grown. Wooden fences are a popular choice for creating defined outdoor spaces and adding visual interest to yards and gardens.

The demand for sustainable building materials has also contributed to the growth of the wooden fencing market. Wood is a renewable resource that can be harvested responsibly, making it a more environmentally friendly choice than many alternative materials. In addition, wooden fences can be easily recycled or repurposed at the end of their useful life, reducing waste and minimizing environmental impact. Despite the growing popularity of alternative materials like vinyl and composite, wooden fences remain a top choice for many homeowners in the United States. They offer a timeless look, natural beauty, and unmatched customization options that make them a popular choice for any home style or budget. With the continued growth of the wooden fencing market, it's clear that these classic fences will continue to be a fixture in American yards for years to come.



WE ARE ONE OF THE
LARGEST PRODUCERS OF
SUGI (JAPANESE CEDAR)
FENCES IN CHINA, WITH
THE CAPACITY TO EXPORT
OVER 150 CONTAINERS A
MONTH



THE GROWING POPULARITY OF JAPANESE CEDAR (SUGI) IN THE US MARKET



Japanese Cedar (SUGI) is a versatile and durable wood that has been used in construction and landscaping for centuries. In recent years, the use of Japanese Cedar in fencing and landscaping has grown in popularity in the United States. This can be attributed to several factors, including its natural beauty, durability, and sustainability.

SUGI is a popular choice for fencing due to its natural resistance to rot and decay. This means that cedar fences can last for decades with minimal maintenance, making them a cost-effective choice for homeowners. In addition, cedar is a lightweight wood that is easy to work with, making it a popular choice for DIY fence projects.

Another factor driving the growth of cedar in fencing is its natural beauty. Cedar has a warm, rich color and a unique grain pattern that can add visual interest to any yard. Cedar fences can be stained or painted to match any home style or design aesthetic, making them a popular choice for homeowners who want a custom look for their yard.

Japanese Cedar is also a sustainable choice for fencing and landscaping. Cedar trees grow quickly and can be harvested responsibly, making them a more environmentally friendly choice than many other types of wood. In addition, cedar is a renewable resource that can be easily recycled or repurposed at the end of its useful life.

In addition to fencing, cedar is also a popular choice for landscaping. Cedar mulch is a natural and effective way to suppress weeds and retain moisture in garden beds. Cedar planters and raised beds are also popular, as they offer a natural and durable alternative to plastic or metal planters.

The use of cedar in landscaping and fencing is not just limited to residential properties. Cedar is also a popular choice for commercial and public spaces, such as parks, golf courses, and resorts. Its natural beauty and durability make it a popular choice for creating a welcoming and inviting outdoor space.

In conclusion, the growing use of cedar in fencing and landscaping in the United States can be attributed to its natural beauty, durability, and sustainability.

Cedar fences and landscaping elements offer homeowners and property managers a cost-effective and eco-friendly choice that can add value and visual interest to any property. As the trend towards sustainable and natural building materials continues to grow, it's clear that cedar will remain a popular choice for years to come.

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CERTIFIED**
FUJIAN WOOD



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FOREVER**
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DATA SHEET

SUGI

JAPANESE CEDAR

MAIN INFO

SCIENTIFIC NAME

Cryptomeria Japonica

JANKA HARDNESS

320 lbf (1,420 N)

WEIGHT (DRIED)

23 lbs/ft³ (360 kg/m³)

COMMON USES

Wall panels, internal decoration, deckings, fences, beams, and small specialty items.

USUALLY

AVAILABLE AS

WALL PANELS
FENCING
DECKING
BEAMS

POPULAR SIZES

15mm X 140mm X 1830mm;
19mm x 140mm x 1830mm;
17mm x 140mm x 1830mm;
17mm x 184mm x 1830mm;
17mm x 184mm x 2438mm;



DATA SHEET

SUGI

JAPANESE CEDAR

Common Name(s): Sugi, Japanese Cedar

Scientific Name: Cryptomeria japonica

Distribution: Endemic to Japan; commonly grown on plantations within Asia

Tree Size: 100-165 ft (30-50 m) tall, 6-10 ft (2-3 m) trunk diameter

Average Dried Weight: 23 lbs/ft³ (360 kg/m³)

Specific Gravity (Basic, 12% MC): .33, .36

Janka Hardness: 320 lbf (1,420 N)

Modulus of Rupture: 5,280 lbf/in² (36.4 MPa)

Elastic Modulus: 1,109,000 lbf/in² (7.65 GPa)

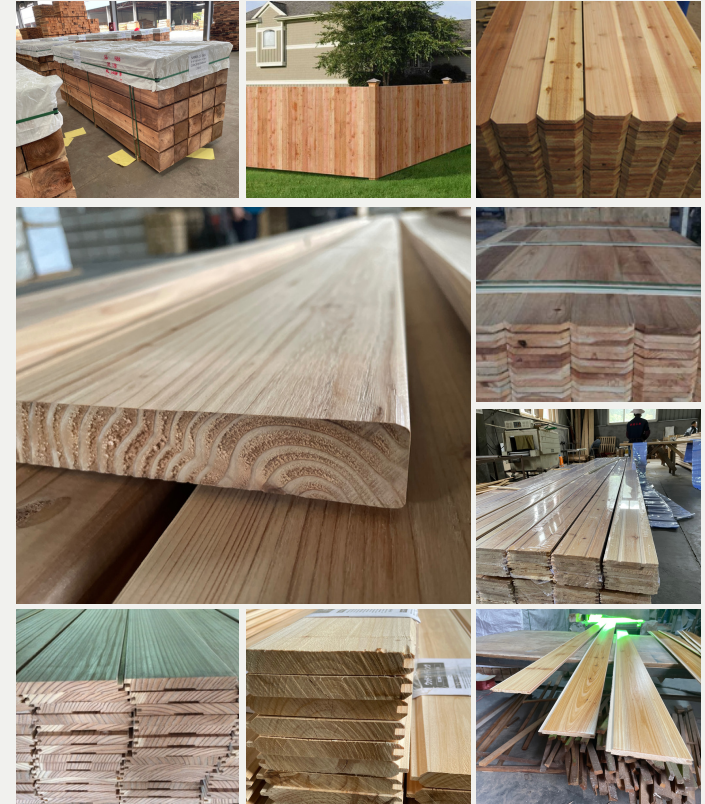
Crushing Strength: 4,060 lbf/in² (28.0 MPa)

Shrinkage: Radial: 2.1%, Tangential: 6.8%, Volumetric: 10.5%, T/R Ratio: 3.2

Color/Appearance: Heartwood is typically reddish brown. Sapwood is straw colored and clearly demarcated from the heartwood. Knots are common. Sometimes the wood is traditionally charred black (increasing its fire and rot resistance) using a Japanese technique known as shou sugi ban; such flame-treated planks are commonly used as siding.

Workability: Generally easy to work with hand or machine tools, though knotty areas can be troublesome. Responds poorly to steam bending. Glues, stains, and finishes well.

Comments: Sometimes called Japanese Cedar, the wood is in the Cupressaceae family, which includes many cedar-like species. Like most cedars, the wood is soft, light, aromatic, and resistant to decay. Sugi is a commercially important softwood species within Japan, and is commercially grown for many construction purposes. According to legend, in the early 1600s there was a feudal lord in Japan who was too poor to donate a stone or bronze lantern at the funeral of the deceased shogun. Instead, he proposed to plant a row of trees along the avenue which led to the temple where the shogun was buried. These trees still line the path to the temple, and are considered some of the most stately and impressive displays of trees in all of Japan.



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FOR ALL
FOREVER
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OTHER PRODUCTS

FUJIAN WOOD IS NOT ONLY THE LEADER IN SUGI (JAPANESE CEDAR) PRODUCTION IN CHINA. WE ALSO MANUFACTURE A WIDE RANGE OF WOODEN PRODUCTS, INCLUDING **FINGER JOINTED PANELS AND PRIMED MOULDINGS**, WHICH WE ARE EXPORTING TO USA, AUSTRALIA AND NEW ZEALAND



SOLID WOOD COUNTERTOPS

FINGER-JOINTED BUTCHER BLOCKS

WE MAKE THE BEST BUTCHER
BLOCKS, IN SEVERAL DIFFERENT
HARDWOODS, SUCH AS BIRCH,
ACACIA, EUCALYPTUS AND
WALNUT

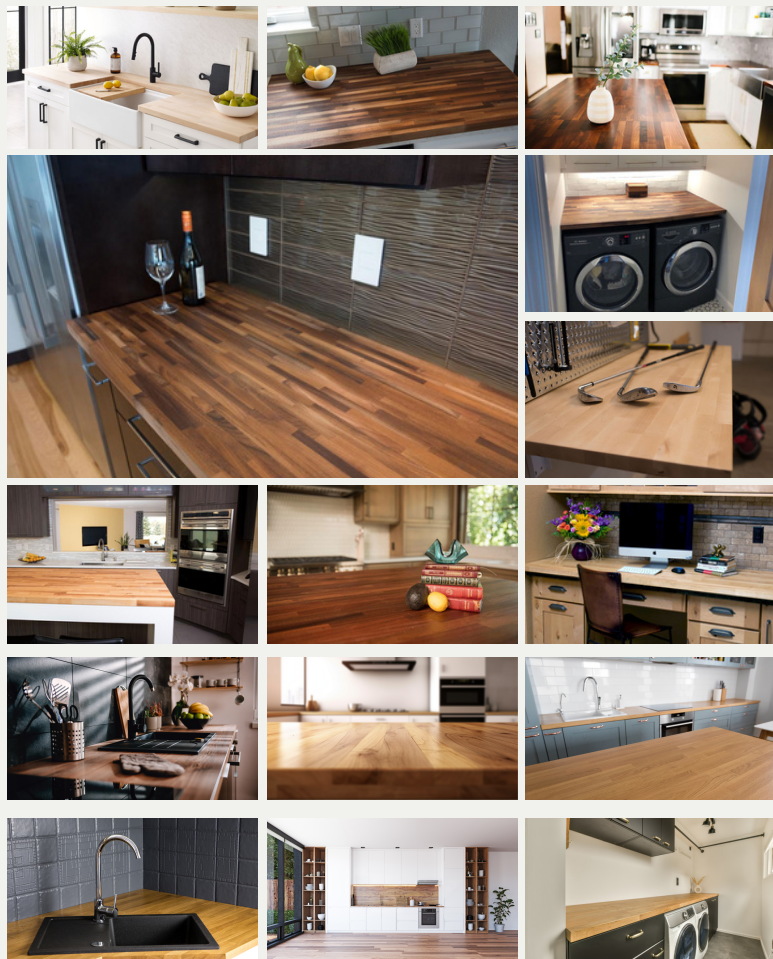
Fujian Wood Birch Butcher Block

Countertops are a stunning addition to any project. Birch is as appealing as it is practical. It is one of the most popular countertops throughout the world. The birch is a slow-growth, closed grain hardwood harvested from sustainable forests. This countertop is a durable hardwood and has similar looks and physical properties to hard maple. Birch is known for its ease of sanding, finishing, and clean look with a consistent color.

Fujian Wood countertops are made of solid wood staves which are finger jointed and edge glued for a classic butcher block look.

A variety of species are available so you can pick a color and style that works for your space. The countertops are sold unfinished, giving you freedom to customize your piece. Remember that wood is a product of nature. The allure of a pure wood product is that no two grain patterns, textures or colors are identical.

Wood is affected by soil contents, climate, growth patterns and many other factors. These wonderfully unique features will ensure a one of a kind look for your remodel. Differences in grain, coloring or mineral streaking, as it occurred in nature, will not be considered a defect or reason for a replacement. Wood will also change with time, gradually responding to its environment, and aging with beauty.



Gesso Moulding Profiles



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Gesso Moulding Profiles

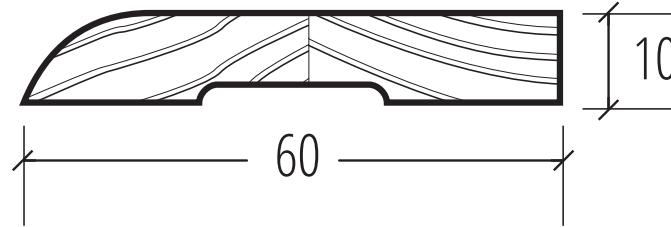


- ✓ **100% Radiata Pine FSC Sourced from new Zealand**
- ✓ **Finger Jointed and Edge Glued for Stability with water-based coating glue JND-308X that meets EN 204/205 D4 Exterior Glue standards.**
- ✓ **Coated with two coats of Gesso Primer at 2mm per coat**
- ✓ **DET Double end trimmed on both ends for smooth clean ends**
- ✓ **End sealed with acrylic primer on ends**



60 X 10
GESSO
BULLNOSE

DATA SHEET



DESCRIPTION

Bullnose

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

60 x 10mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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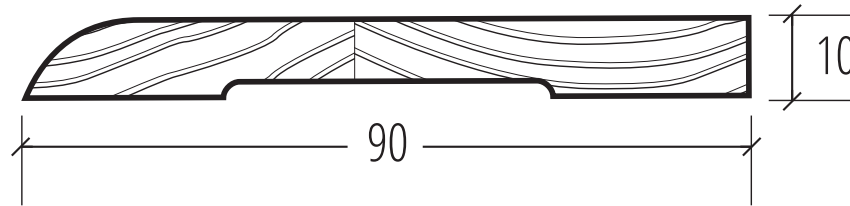
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90 X 10
GESSO
BULLNOSE

DATA SHEET



DESCRIPTION

Bullnose

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

90 x 10mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

Unfinished S1S2E



+86 1866 4817-403



export@FujianWood.com



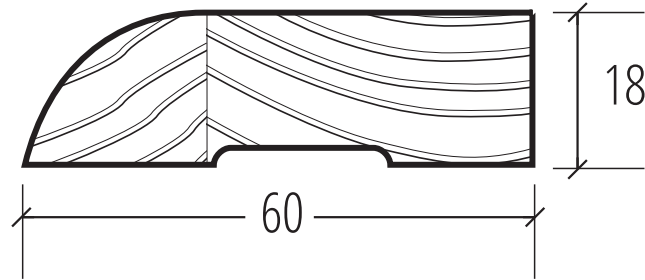
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FSC - C178436

60 X 18
GESSO
BULLNOSE

DATA SHEET



DESCRIPTION

Bullnose

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

60 x 18mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

Unfinished S1S2E



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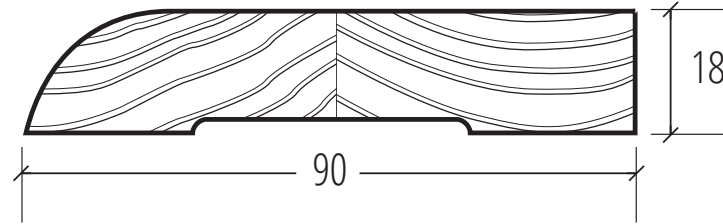
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FSC - C178436

90 X 18
GESSO
BULLNOSE

DATA SHEET



DESCRIPTION

Bullnose

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

90 x 18mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

Unfinished S1S2E



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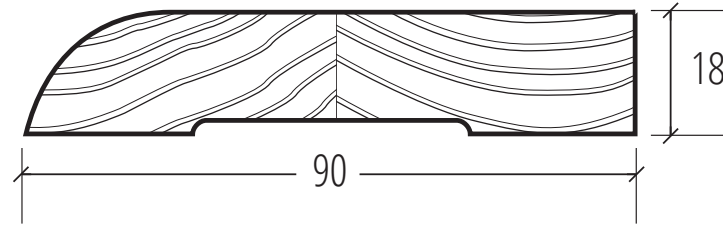
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FSC - C178436

90 X 18
GESSO
BULLNOSE

DATA SHEET



DESCRIPTION

Bullnose

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

90 x 18mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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Bevelled Arch



FSC - C178436

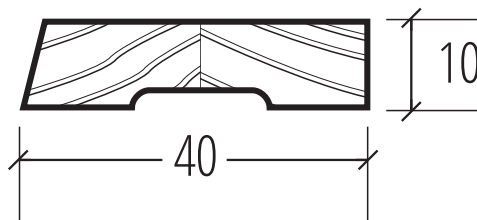
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40 X 10

GESSO BEVELLED ARCH

DATA SHEET



DESCRIPTION

Bevelled Arch

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

40 x 10mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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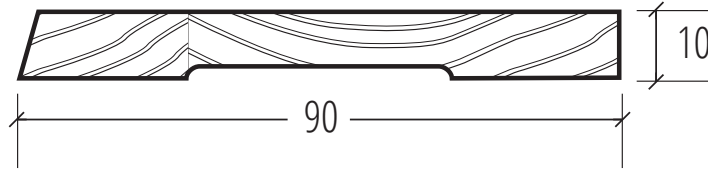
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90 X 10
GESSO
BEVELLED ARCH

DATA SHEET



DESCRIPTION

Bevelled Arch

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

90 x 10mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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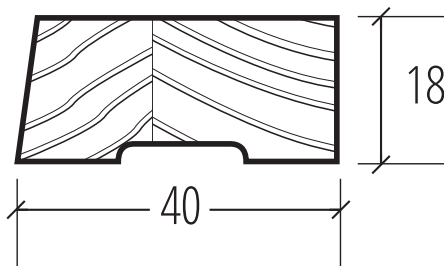
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40 X 18
GESSO
BEVELLED ARCH

DATA SHEET



DESCRIPTION

Bevelled Arch

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

40 x 18mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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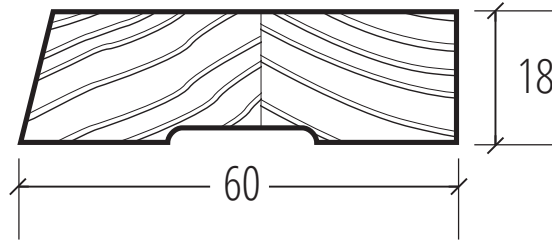
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60 X 18
GESSO
BEVELLED ARCH

DATA SHEET



DESCRIPTION

Bevelled Arch

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

60 x 18mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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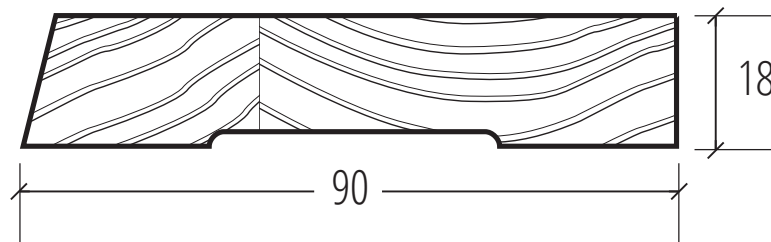
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90 X 18
GESSO
BEVELLED ARCH

DATA SHEET



DESCRIPTION

Bevelled Arch

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

90 x 18mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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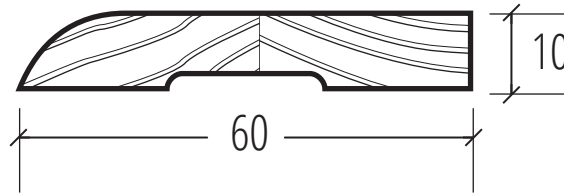
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FSC - C178436

60 X 10
GESSO
BEVELLED ARCH

DATA SHEET



DESCRIPTION

Bevelled Arch

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

60 x 10mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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Splayed Square Top



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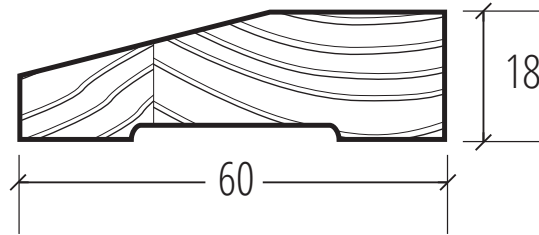
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60 X 18

GESSO SPLAYED SQUARE TOP

DATA SHEET



DESCRIPTION

Splayed Square Top

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

60 x 18mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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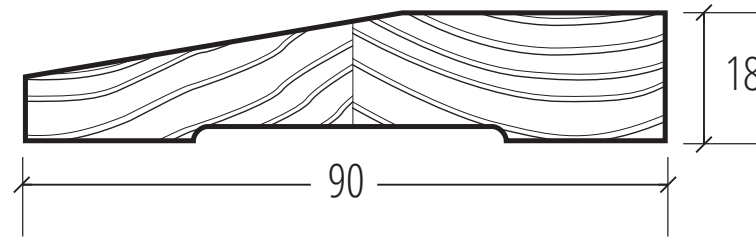
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90 X 18
GESSO
SPLAYED SQUARE TOP

DATA SHEET



DESCRIPTION

Splayed Square Top

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

90 x 18mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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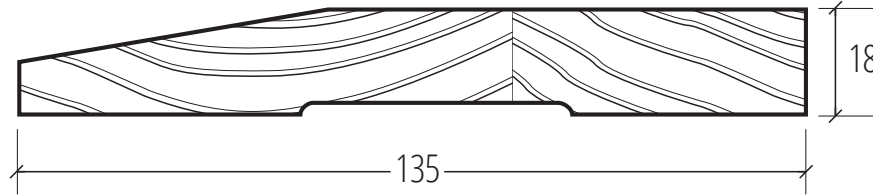


FSC - C178436

135 X 18

GESSO SPLAYED SQUARE TOP

DATA SHEET



DESCRIPTION

Splayed Square Top

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

135 x 18mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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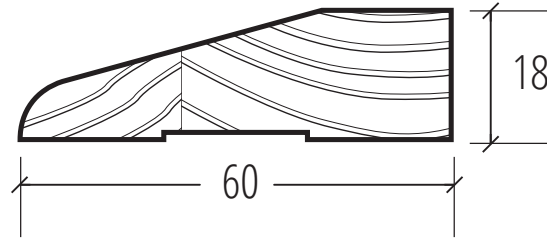
Government Arch



FSC - C178436

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DESCRIPTION

Government

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

60 x 18mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

Unfinished S1S2E



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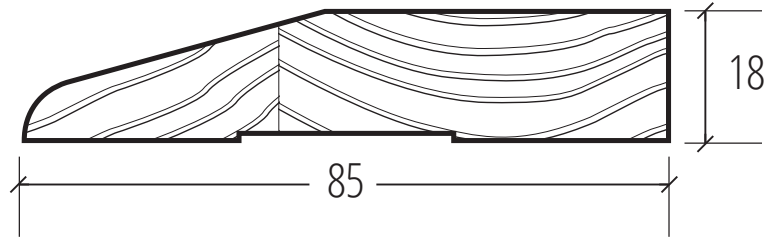
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DESCRIPTION

Government

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

85 x 18mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

Unfinished S1S2E



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Bevelled Cornice



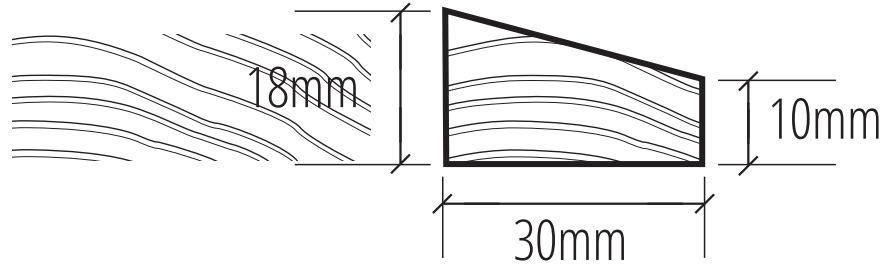
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30mm GESSO BEVELLED CORNICE

DATA SHEET



DESCRIPTION

Bevelled Cornice

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

30mm x
18mm x
10mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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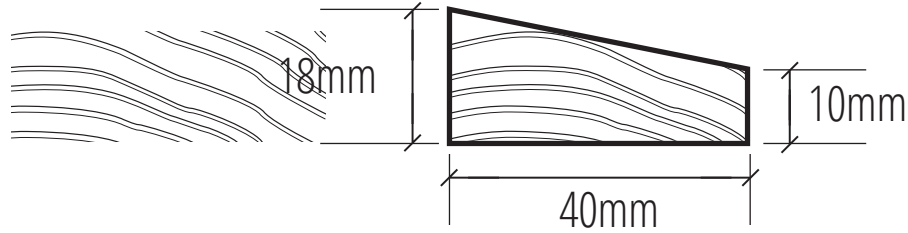
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40mm GESSO BEVELLED CORNICE

DATA SHEET



DESCRIPTION

Bevelled Cornice

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

40mm x
18mm x
10mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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Scotia



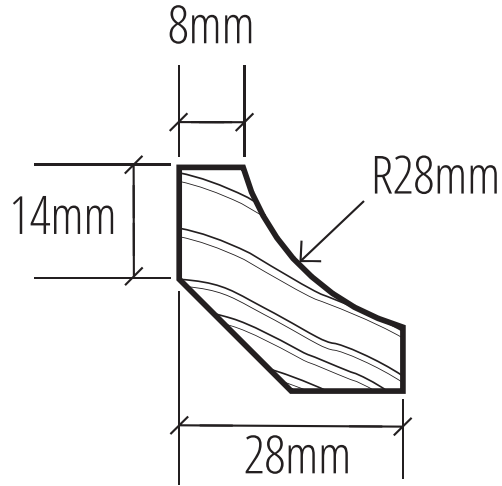
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28mm
GESSO
SCOTIA

DATA SHEET



DESCRIPTION

Scotia

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

28mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

Unfinished S1S2E



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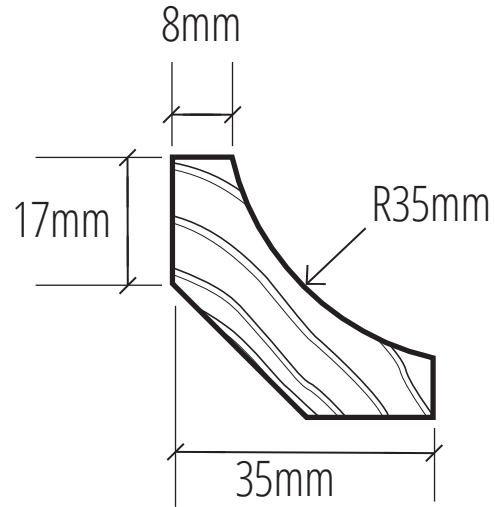
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FSC - C178436

35mm
GESSO
SCOTIA

DATA SHEET



DESCRIPTION

Scotia

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

35mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

Unfinished S1S2E



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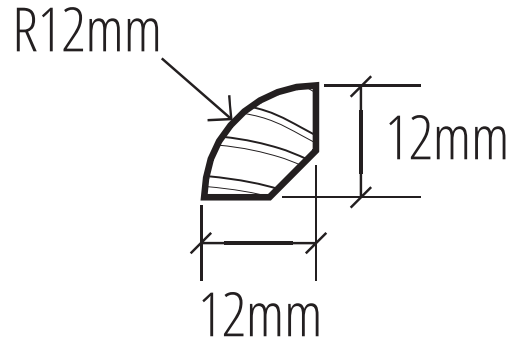
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FSC - C178436

12mm
GESSO
QUADRANT

DATA SHEET



DESCRIPTION

Quadrant

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

12mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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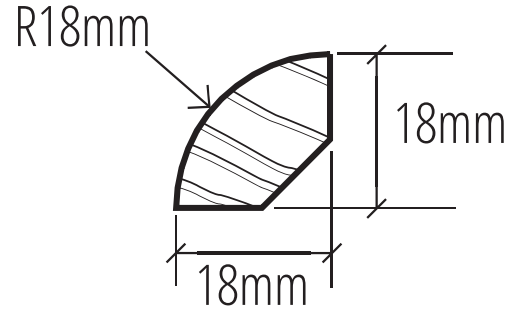
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FSC - C178436

18mm
GESSO
QUADRANT

DATA SHEET



DESCRIPTION

Quadrant

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

18mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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FSC - C178436

External Angle



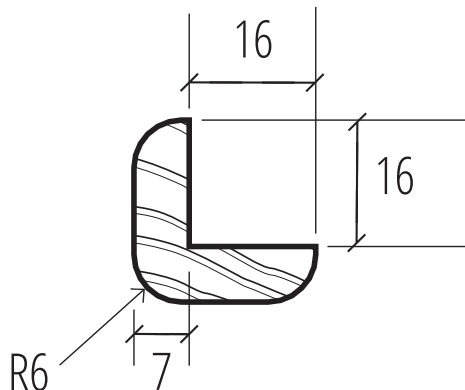
FSC - C178436

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16mm
GESSO
EXTERNAL
ANGLE

DATA SHEET



DESCRIPTION

External Angle

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

16mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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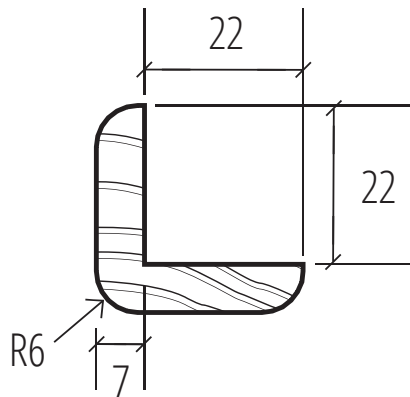
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FSC - C178436

22mm GESSO EXTERNAL ANGLE

DATA SHEET



DESCRIPTION

External Angle

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

22mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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FSC - C178436

DS4



FSC - C178436

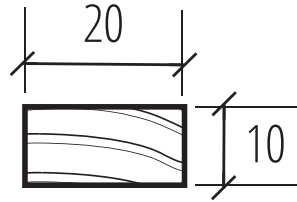
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20 x 10mm

GESSO
D4S

DATA SHEET



DESCRIPTION

D4S

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

20 x 10mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

Unfinished S1S2E



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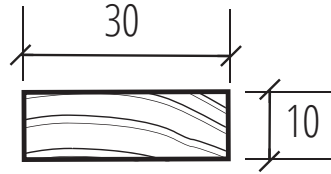


FSC - C178436

30 x 10mm

GESSO
D4S

DATA SHEET



DESCRIPTION

D4S

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

30 x 10mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

Unfinished S1S2E



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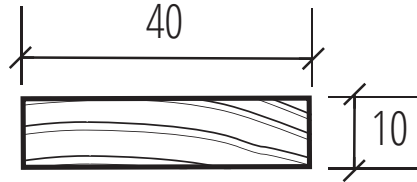
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FSC - C178436

40 x 10mm
GESSO
D4S

DATA SHEET



DESCRIPTION

D4S

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

40 x 10mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

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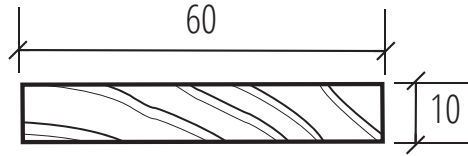


FSC - C178436

60 x 10mm

CESSO
D4S

DATA SHEET



DESCRIPTION

D4S

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

60 x 10mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

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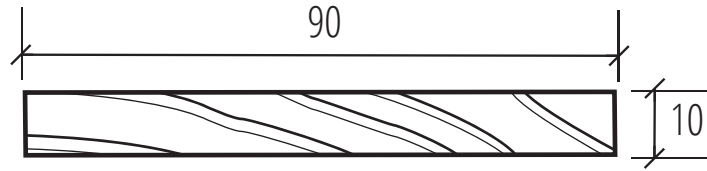


FSC - C178436

90 x 10mm

GESSO
D4S

DATA SHEET



DESCRIPTION

D4S

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

90 x 10mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

Unfinished S1S2E



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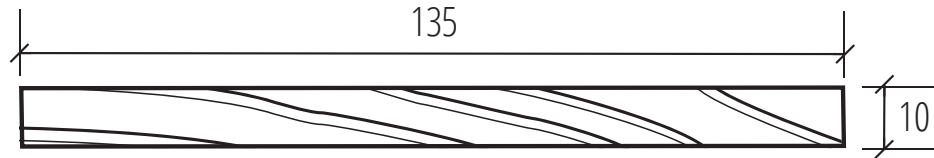


FSC - C178436

135 x 10mm

GESSO
D4S

DATA SHEET



DESCRIPTION

D4S

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

135 x 10mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

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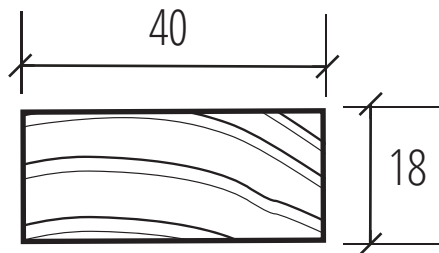


FSC - C178436

40 x 18mm

GESSO
D4S

DATA SHEET



DESCRIPTION

D4S

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

40 x 18mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

Unfinished S1S2E



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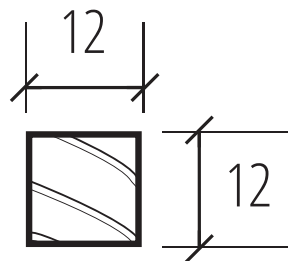


FSC - C178436

12 x 12mm

GESSO
D4S

DATA SHEET



DESCRIPTION

D4S

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

12 x 12mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

Unfinished S1S2E



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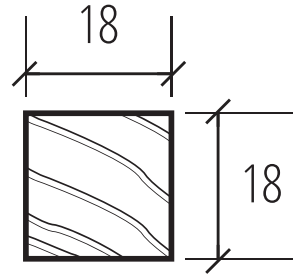


FSC - C178436

18 x 18mm

GESSO
D4S

DATA SHEET



DESCRIPTION

D4S

SPECIES

Radiata
Sugi (Japanese Cedar)

FINISHED SIZE

18 x 18mm

LENGTH

5.4m

GRADE OPTIONS

Clear
Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed
Unfinished S1S2E



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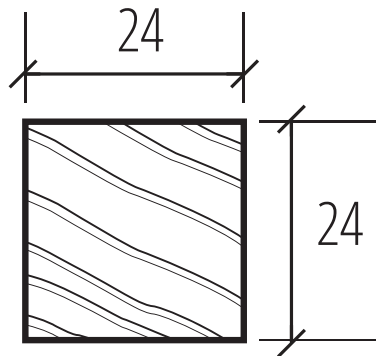


FSC - C178436

24 x 24mm

GESSO
D4S

DATA SHEET



DESCRIPTION

D4S

SPECIES

Radiata

Sugi (Japanese Cedar)

FINISHED SIZE

24 x 24mm

LENGTH

5.4m

GRADE OPTIONS

Clear

Knotty

TYPE

Finger Jointed

FINISHING OPTIONS

Primed

Unfinished S1S2E



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Gesso Technical Sheet

MSDS

Calcium Carbonate



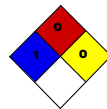
FSC - C178436

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Material Safety Data Sheet

Calcium carbonate MSDS



Health	2
Fire	0
Reactivity	0
Personal Protection	E

Section 1: Chemical Product and Company Identification

Product Name: Calcium carbonate
Catalog Codes: SLC1141, SLC4720, SLC4438, SLC1645
CAS#: 471-34-1
RTECS: FF9335000
TSCA: TSCA 8(b) inventory: Calcium carbonate
CI#: Not available.
Synonym:
Chemical Name: Calcium Carbonate
Chemical Formula: CaCO₃

Supplier details:
DONGNAN NEW MATERIALS CO., LTD
YUHUA ROA DJIANGLE
SANMING, FUJIAN, CHINA
Emergency Tel: 0086 598-2332109

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Calcium carbonate	471-34-1	100

Toxicological Data on Ingredients: Calcium carbonate: ORAL (LD50): Acute: 6450 mg/kg [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:

Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to kidneys. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Will ignite and burn fiercely in contact with fluorine

Special Remarks on Explosion Hazards:

When a mixture of calcium carbonate and magnesium is heated in a current of hydrogen, a violent explosion occurs.

Section 6: Accidental Release Measures

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:

Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Hygroscopic

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:

Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

TWA: 10 (mg/m3) from ACGIH (TLV) [United States] Inhalation Total. TWA: 10 STEL: 20 (mg/m3) [Canada] Inhalation Total. TWA: 5 (mg/m3) from OSHA (PEL) [United States] Inhalation Respirable. TWA: 15 from OSHA (PEL) [United States] Inhalation Total. Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Powdered solid.)

Odor: Odorless.

Taste: Chalky

Molecular Weight: 100.09 g/mole

Color: White.

pH (1% soln/water): Not available.

Boiling Point: Not available.

Melting Point: 825°C (1517°F)

Critical Temperature: Not available.

Specific Gravity: 2.8 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility:

Very slightly soluble in cold water. Soluble in dilute acid. Insoluble in alcohol.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatible Materials

Incompatibility with various substances: Reactive with oxidizing agents, acids.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:

Hygroscopic. Will ignite and burn fiercely in contact with fluorine. Incompatible with acids, alum, ammonium salts, mercury + hydrogen, aluminum and magnesium

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 6450 mg/kg [Rat].

Chronic Effects on Humans: May cause damage to the following organs: kidneys.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: Skin: Causes skin irritation. Eyes: Dust causes eye irritation. Inhalation: Excessive inhalation causes respiratory tract and mucous membrane irritation. Low hazard for usual industrial handling. Ingestion: Ingestion of large amounts may cause gastrointestinal tract disturbances with nausea and possibly constipation. Expected to be a low hazard for usual industrial handling. Chronic Potential Health Effects: Chronic ingestion may affect kidneys, and may cause hypercalcemia with alkalosis.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations: TSCA 8(b) inventory: Calcium carbonate

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):

R36- Irritating to eyes. S2- Keep out of the reach of children. S46- If swallowed, seek medical advice immediately and show this container or label.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Splash goggles.

End of the Document

Finger Joint GLUE Safety Report



FSC - C178436

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Test Report

No.: CANEC23001186623 Date: Apr 06, 2023 Page 1 of 4

Client Name: FUJIAN DORCAS NEW MATERIALS CO., LTD.
 Client Address: NO. 101, BUILDING B20, WANYANG ZHONGCHUANGCHENG, TINGJIANG ROAD, MAWEI DISTRICT, FUZHOU CITY
 Sample Name: Water-based coating glue JND-308X
 The above sample(s) and information were provided by the client.

SGS Job No.: 23481477
 Sample Receiving Date: Mar 24, 2023
 Testing Period: Mar 24, 2023 – Mar 31, 2023
 Test Requested: Select tests(s) as requested by the client.
 Test Method(s): Please refer to next page(s).
 Test Result(s): Please refer to next page(s).

Test Requirement Conclusion

EN 71-3:2019+A1:2021- Migration of certain elements (Category III:for scrapped-off toy material)	
GB 18582-2020 – Formaldehyde See Results	

Signed for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Zm Guan
 Approved Signatory



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 中国·广东·广州高新技术产业开发区科学城科裕路18号 邮编: 510663

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Test Report

No.: CANEC23001186623 Date: Apr 06, 2023 Page 2 of 4

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A6	CAN23-0011866-0001	QU06 White liquid 6#

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "*" = Not Regulated

EN 71-3:2019+A1:2021- Migration of certain elements (Category III:for scrapped-off toy material)

Test Method: With reference to EN 71-3:2019+A1:2021, analysis was performed by ICP-OES, IC-UV or LC-ICP-MS.

Test Item(s) Limit Unit(s) MDL A6

Soluble Aluminum(Al)	28130 mg/kg	50 ND							
Soluble Antimony(Sb)	560 mg/kg	10 ND							
Soluble Arsenic(As)	47 mg/kg	10 ND							
Soluble Barium(Ba)	18750 mg/kg	50 ND							
Soluble Boron(B)	15000 mg/kg	50 ND							
Soluble Cadmium(Cd)	17 mg/kg	5 ND							
Soluble Chromium(III)(Cr(III))	460 mg/kg	5 ND							
Soluble Chromium(VI)(Cr(VI))	0.053 mg/kg	0.025 ND							
Soluble Cobalt(Co)	130 mg/kg	10 ND							
Soluble Copper(Cu)	7700 mg/kg	50 ND							
Soluble Lead(Pb)	23 mg/kg	5 ND							
Soluble Manganese(Mn)	15000 mg/kg	50 ND							
Soluble Mercury(Hg)	94 mg/kg	10 ND							
Soluble Nickel(Ni)	930 mg/kg	10 ND							
Soluble Selenium(Se)	460 mg/kg	10 ND							
Soluble Strontium(Sr)	56000 mg/kg	50 ND							
Soluble Tin(Sn)	180000 mg/kg	3 ND							
Soluble Zinc(Zn)	46000 mg/kg	50 463							
Soluble Organic Tin*	12 mg/kg	ND							

Notes:

- (1) According to Chapter of 10.1.2 of EN 71-3:2019+A1:2021, Chromium (III) is calculated by the following formula:
 Soluble Chromium (III) = Soluble Total Chromium - Soluble Chromium (VI)
- (2) *Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71-3:2019+A1:2021.

GB 18582-2020 – Formaldehyde

Test Method: With reference to GB/T 23993-2009, analysis was performed by UV-Vis.



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Test Report

No.: CANEC23001186623 Date: Apr 06, 2023 Page 3 of 4

Test Item(s) Limit Unit(s) MDL A6			
Free formaldehyde 50 mg/kg 5 14			

The limit was provided by the client.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

Test Report

No.: CANEC23001186623

Date: Apr 06, 2023

Page 4 of 4

Sample Photo:



CAN23-0011866-0001.C006

SGS authenticate the photo on original report only

*** End of Report ***



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Guangzhou Technical Center
Guangzhou, China

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Guangzhou Technical Center
Guangzhou, China

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