

# Éternit

a marca da coruja



# QUEM SOMOS

- | **Líder de mercado** no setor de coberturas.
- | **80 anos** de atuação no Brasil.
- | Companhia de **capital aberto** na Bolsa de Valores Valores desde 1948.

# **ETERNIT** Sede Administrativa, Unidades Fabris e Centros de Distribuição

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## Sede Administrativa:

**São Paulo/SP**

## Unidades Fabris de Fibrocimento:

**Colombo/PR**

**Goiânia/GO**

**Rio de Janeiro/RJ**

**Simões Filho/BA**

## Centros de Distribuição de Fibrocimento:

**Atibaia/SP**

**Marituba/PA**

## Unidade Fabril Telha de Concreto e Solar

**Atibaia/SP**

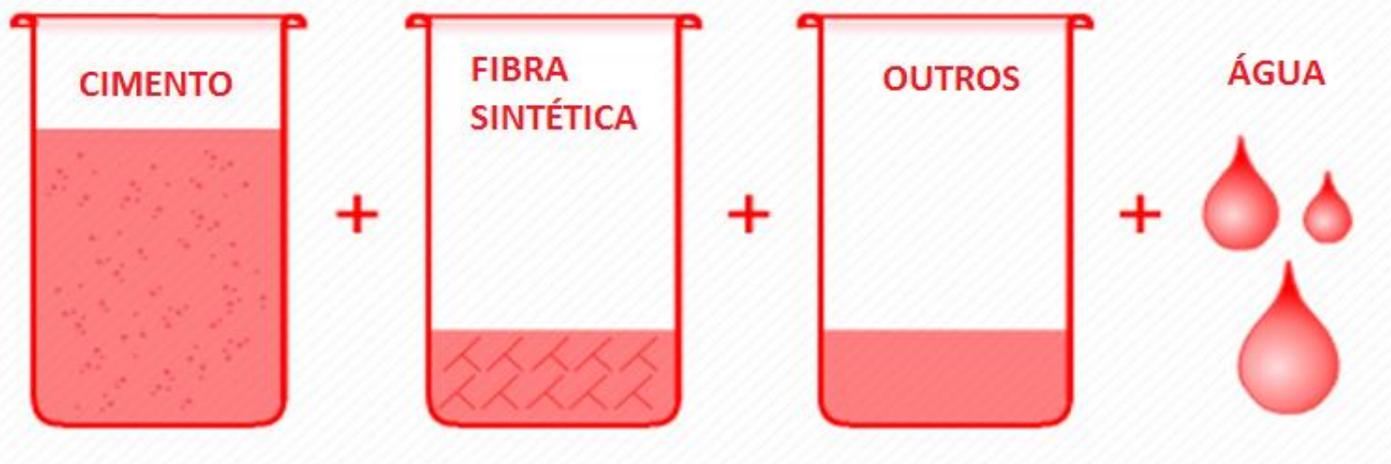
## Unidade Fabril Fibra de Polipropileno

**Manaus/AM**

## Mineradora

**Minaçu/GO**

# O que é **FIBROCIMENTO CRFS?**



1895 Descoberta do **fibrocimento**  
Austríaco Ludwig Hatschek

1901 Patente batizada de **Eternit**

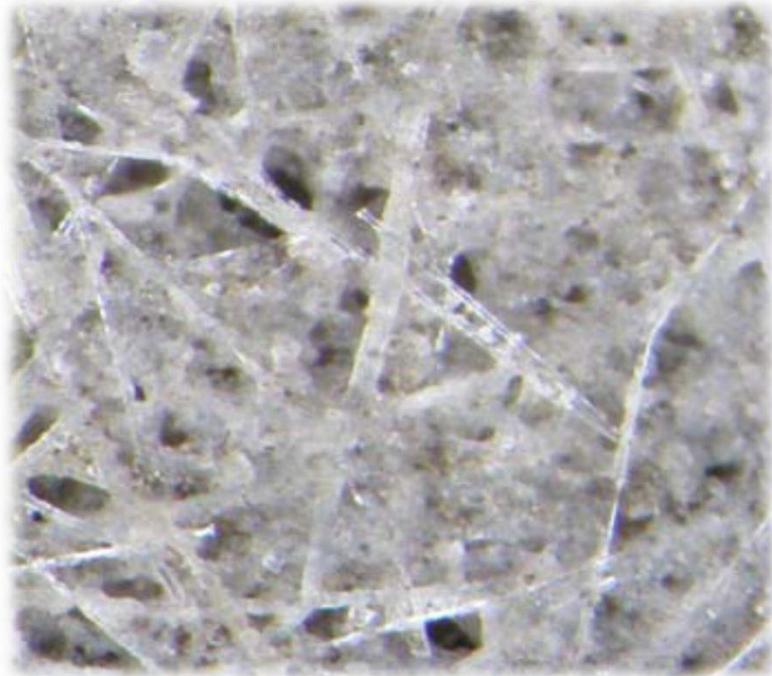
2017 **Proibição do uso do**  
Amianto



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# O que significa **CRFS**?

**C**imento **R**eforçado com **F**io **S**intético



*Cimento Portland* —————



*Calcário* —————



*Fibras sintéticas  
PP/PVA* ———



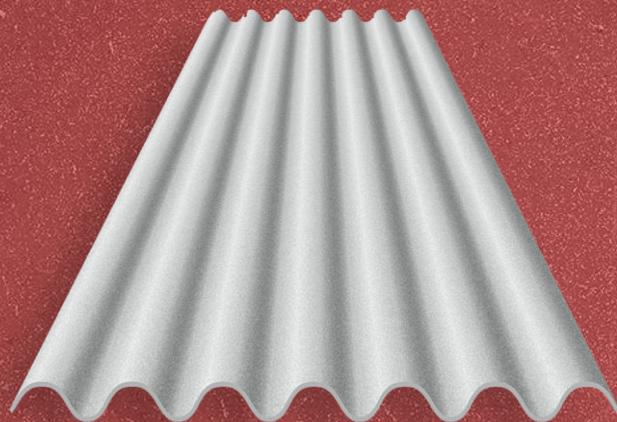
*Celulose* —————



# COBERTURAS EM FIBROCIMENTO

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## PERFIS ONDULADOS



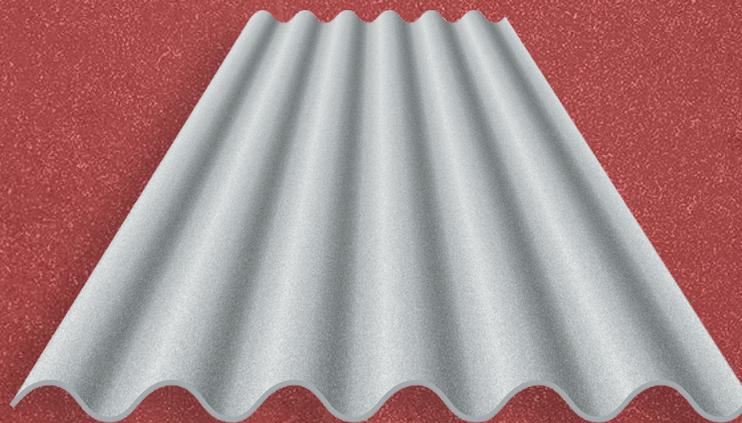
Vogatex



Olinda

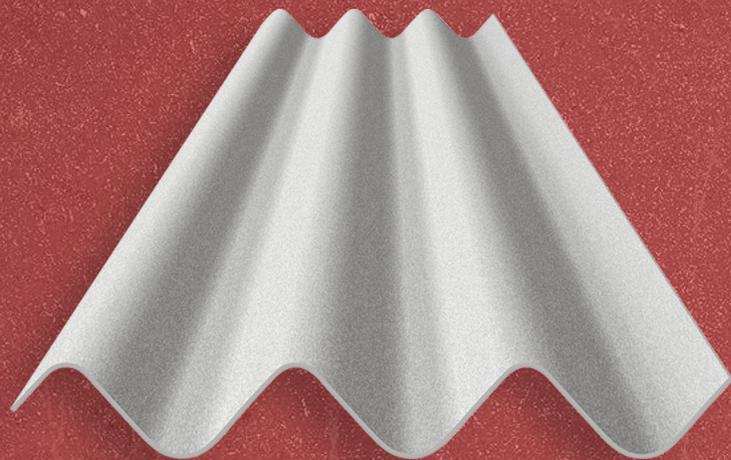


Tropical

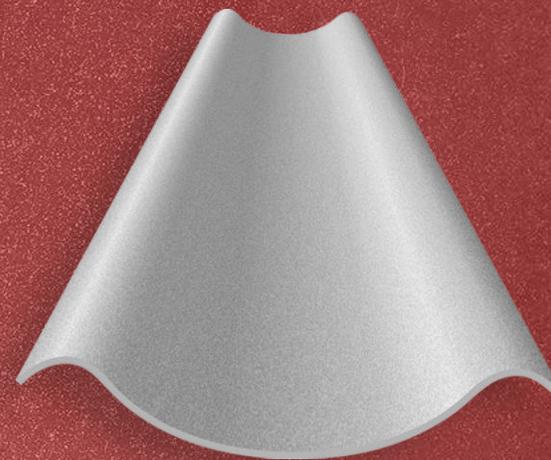


Ondulada

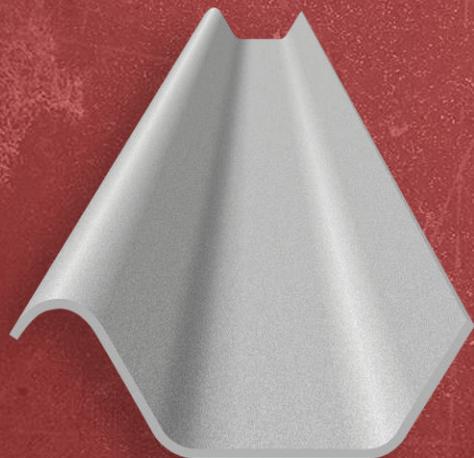
# PERFIS ESTRUTURAIS



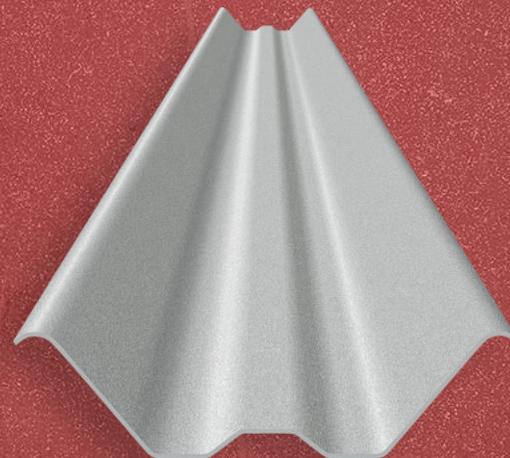
Etermax



Modulada



Canalete 49



Canalete 90

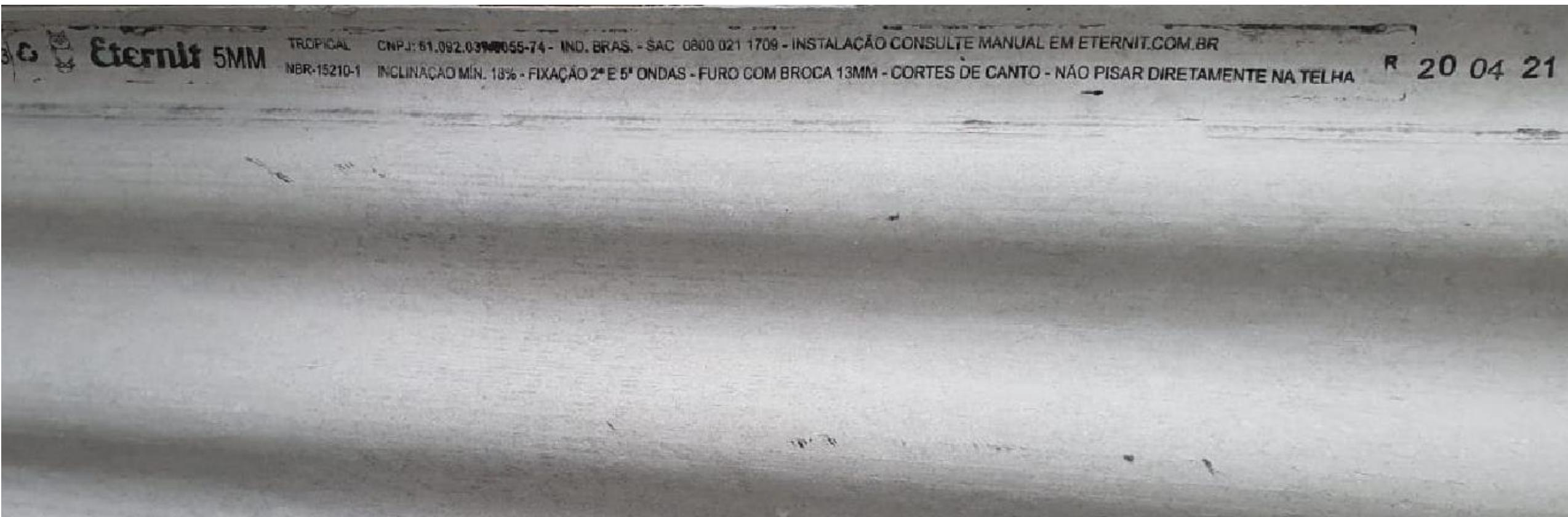
# MANUSEIO E INSTALAÇÃO

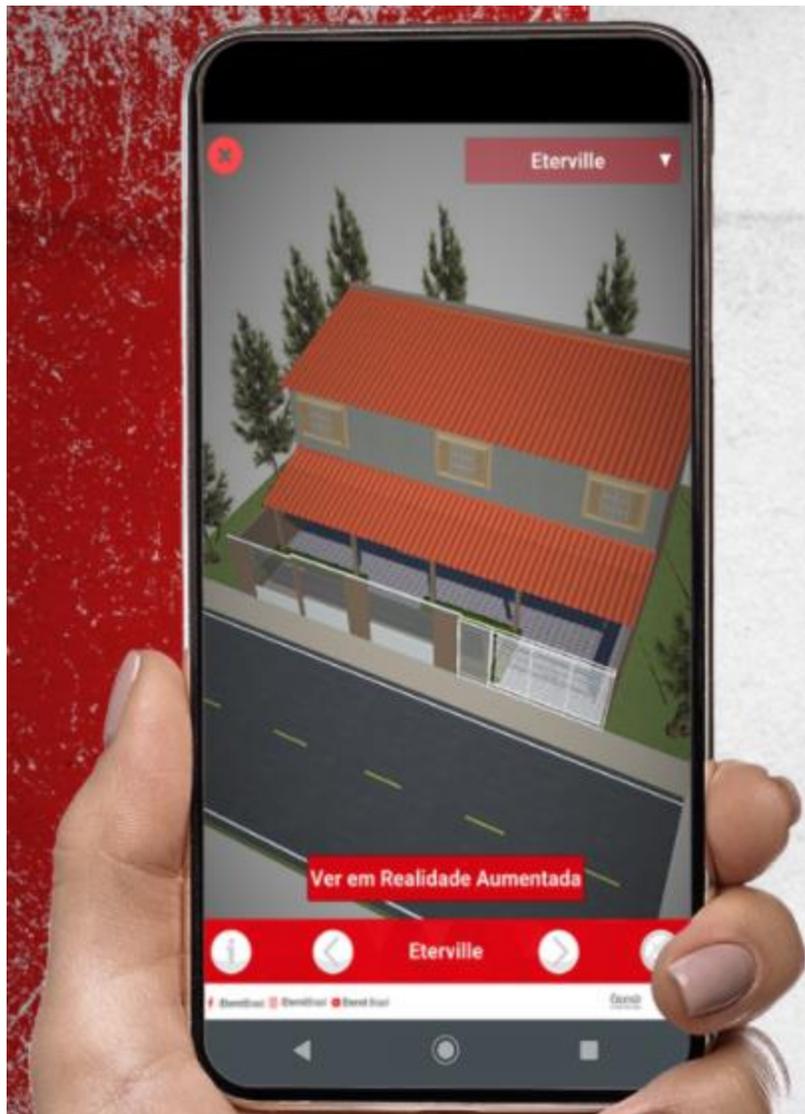
# MANUAIS TÉCNICOS

- NBR 7196
- NBR 15210



# CARIMBO





# NOVO APP ETERNIT:

VOCÊ IMAGINOU, A CORUJA MOSTRA!

- Visualização dos produtos em 3D;
- Realidade aumentada;
- Troca de produtos na cena com visualização em 3D;
- Inclinação (pelo celular, veja a angulação da telha).

**BAIXE AQUI\***

\*disponível somente para Android

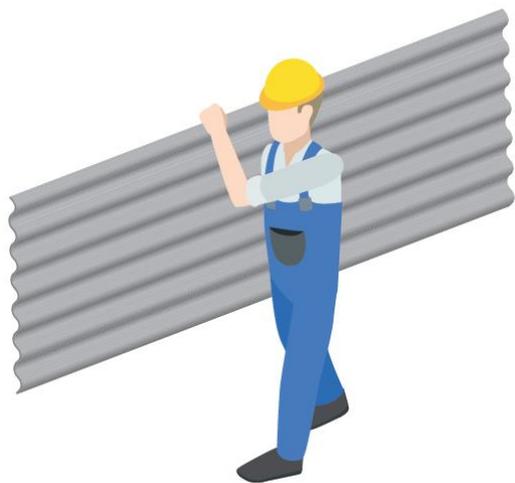
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# INCLINÔMETRO



# TRANSPORTE

VOGATEX 4 MM



TROPICAL 5 MM  
ONDULADA 6 MM

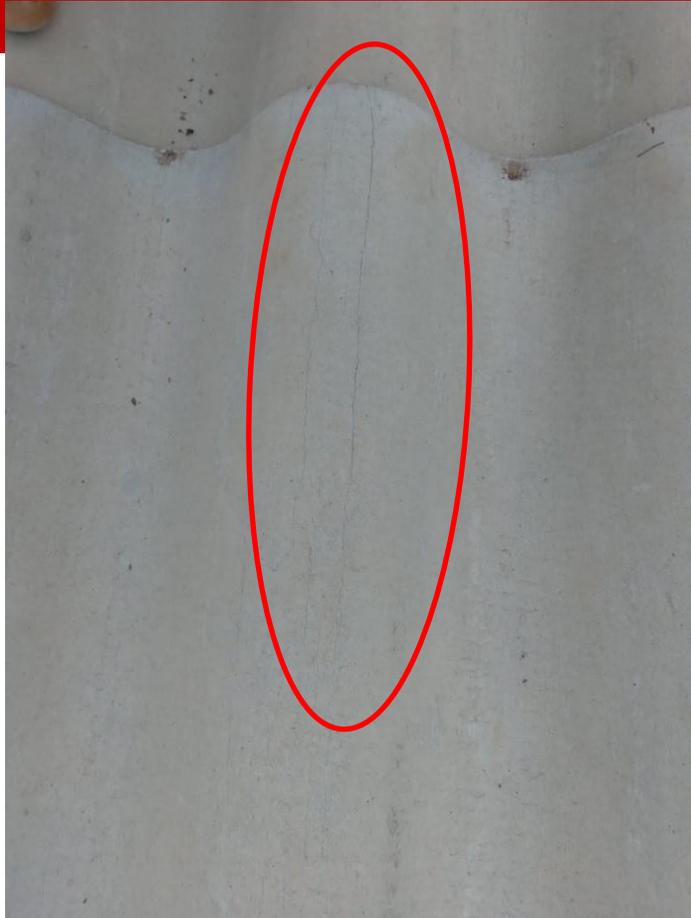
até 1,53 m



telhas maiores

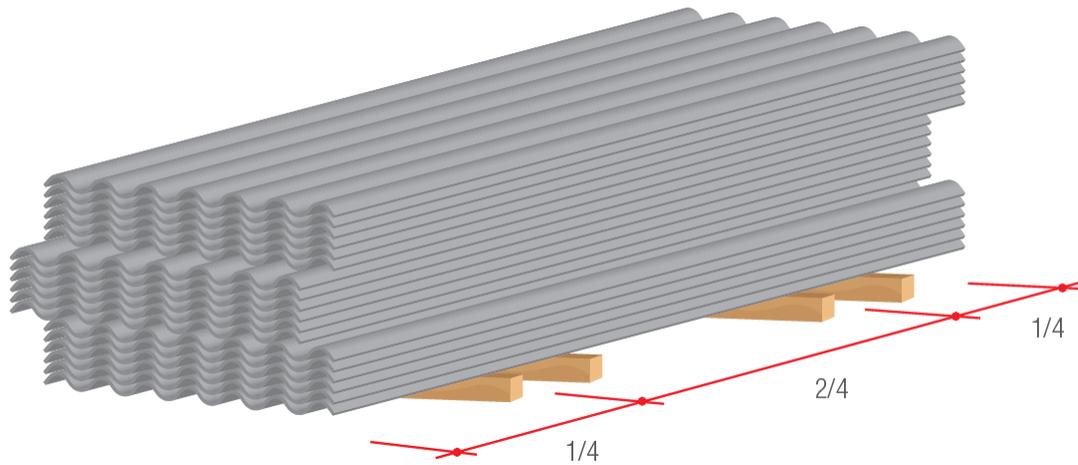


# TRINCA LONGITUDINAL

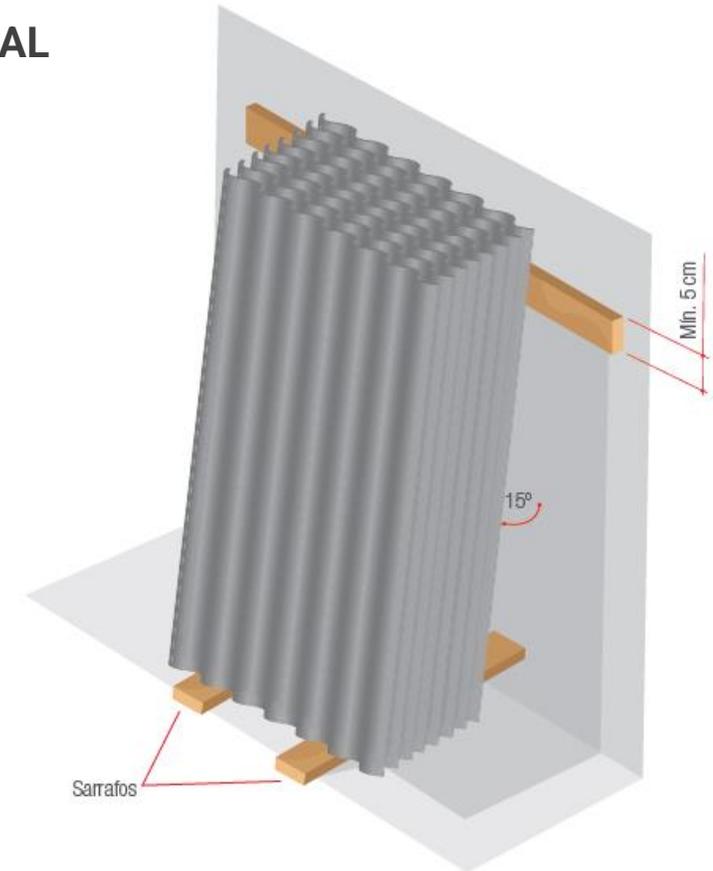


# EMPILHAMENTO

## HORIZONTAL



## VERTICAL



# Estrutura BÁSICA para telhado

## Telhas fibrocimento

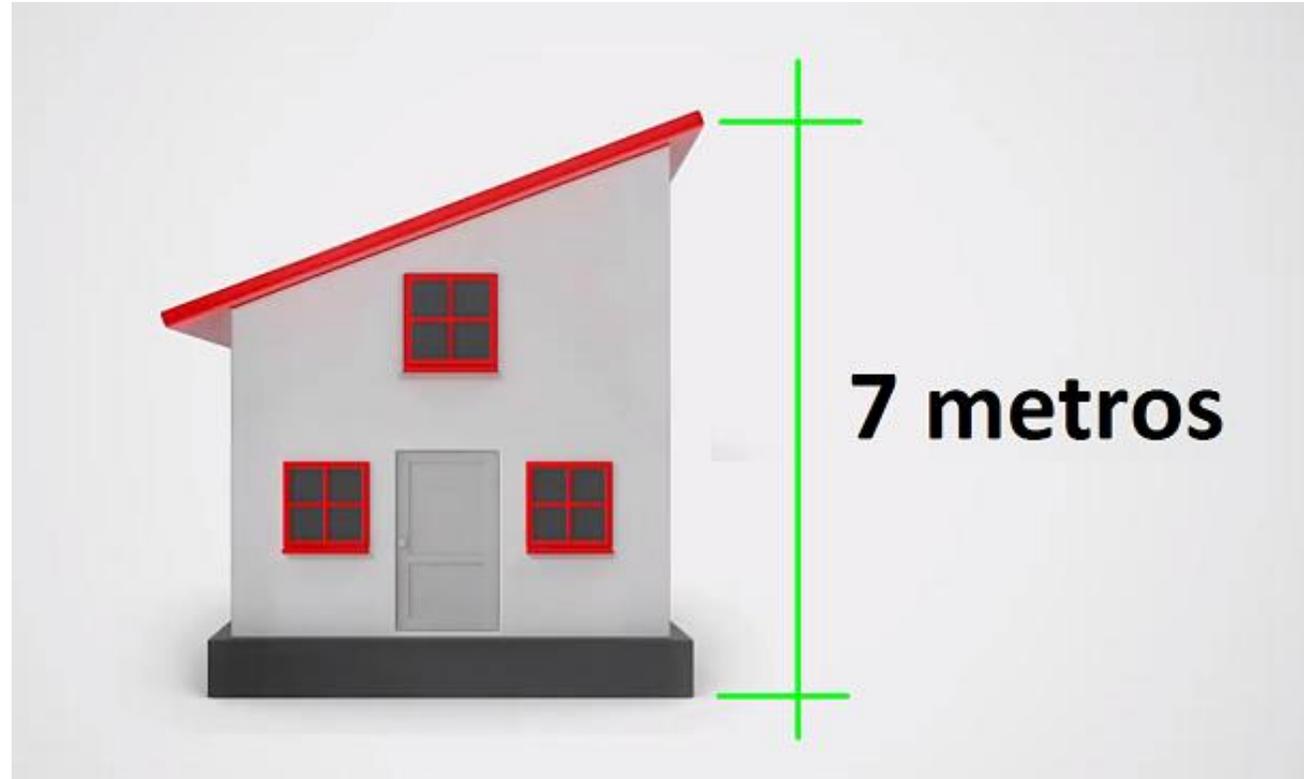


## Telhas cerâmicas



# LIMITE DE ALTURA

VOGATEX 4 MM  
TROPICAL 5 MM



# INCLINAÇÃO

# INCLINAÇÃO



# INFILTRAÇÃO

## Característica:

Telhas úmidas;  
Molhando o madeiramento;  
Gotejamento.

Motivo: **BAIXA INCLINAÇÃO**



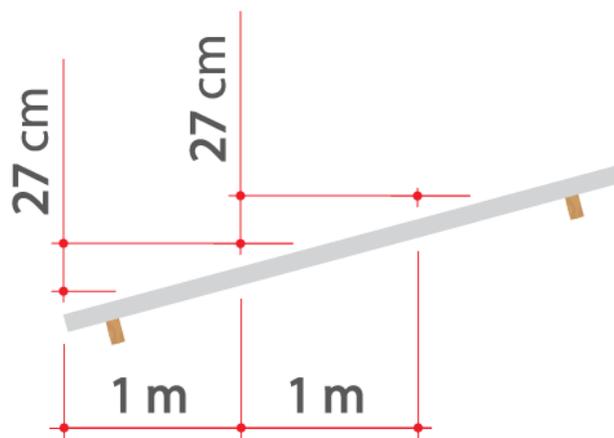
# INCLINAÇÃO



# INCLINAÇÃO

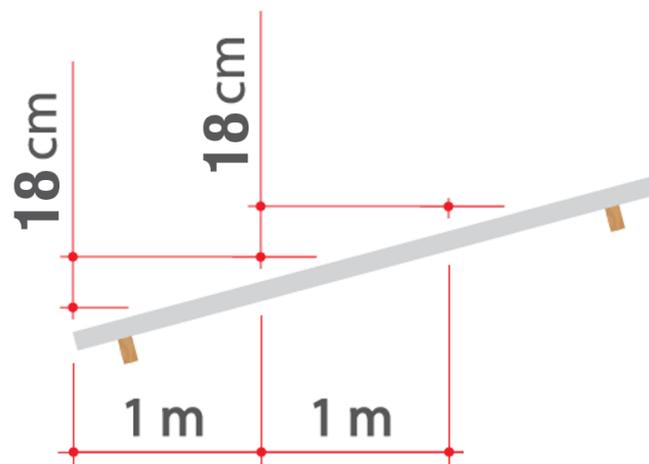
**VOGATEX**  
4 MM

Inclinação  
27%



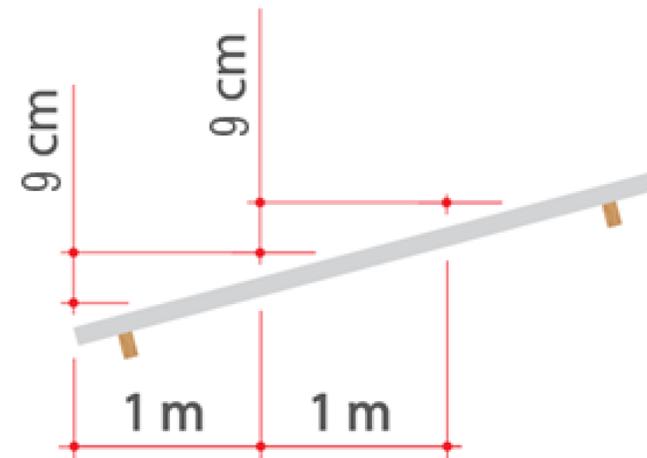
**TROPICAL**  
5 MM

Inclinação  
18%

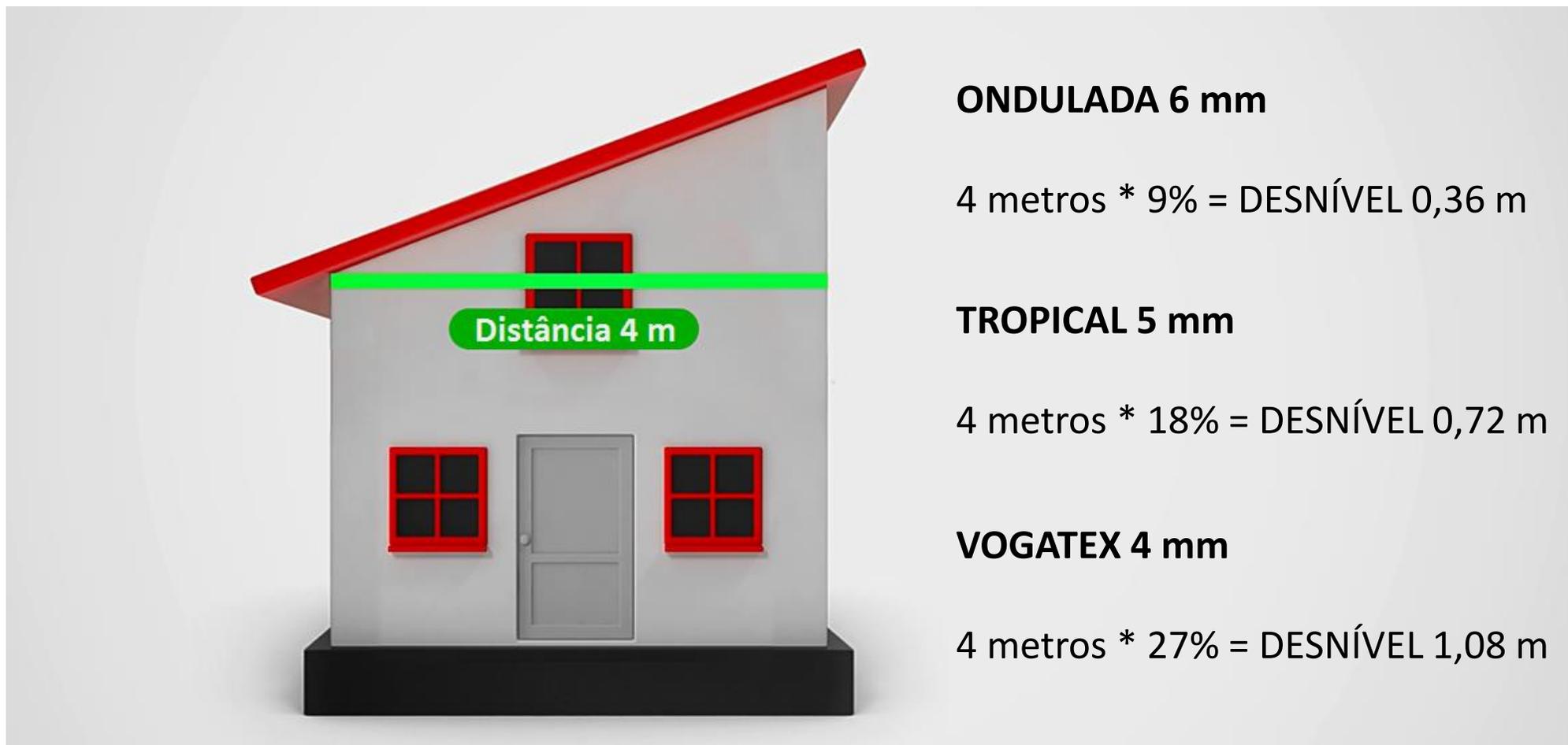


**ONDULADA**  
6 MM

Inclinação  
9%



# INCLINAÇÃO



# INCLINAÇÃO CORRETA



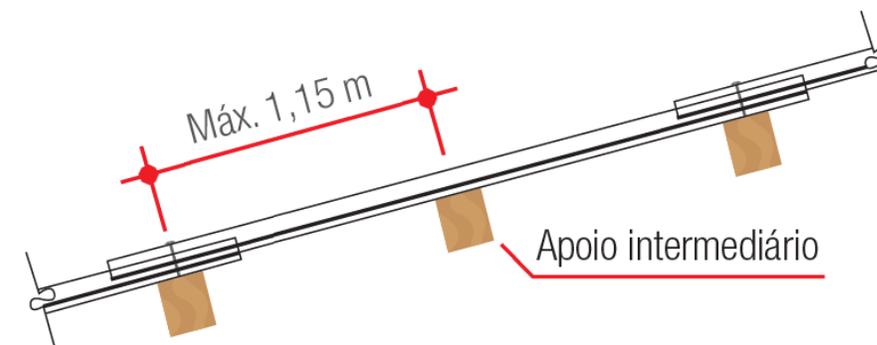
# APOIOS

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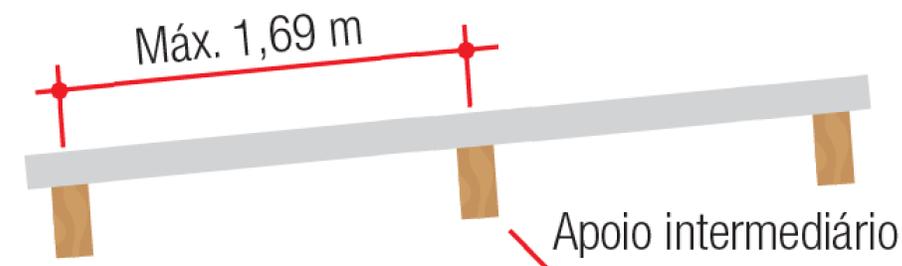
# VÃO LIVRE



**VOGATEX 4  
MM**



**TROPICAL 5 MM  
ONDULADA 6 MM**



# VÃO LIVRE

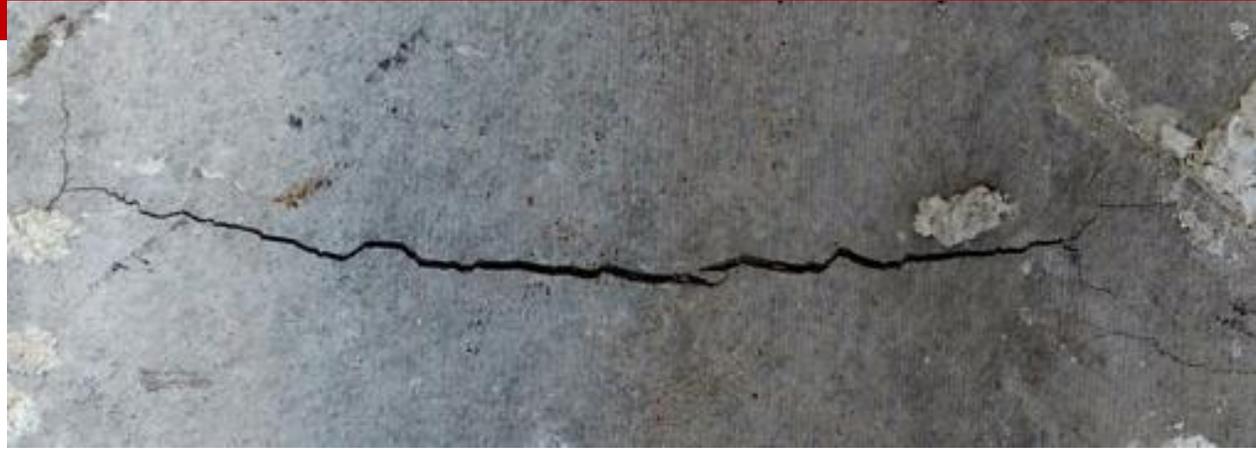
MODELO	ESP.	COMPRIMENTO	APOIO
VOGATEX	4 mm	1,22m	2
		2,13m 2,44m	3
TROPICAL	5 mm	1,22m 1,53m 1,83m	2
		2,13m 2,44m	3
ONDULADA	6 mm	1,22m 1,53m 1,83m	2
		2,13m 2,44m 3,05m 3,66m	3

# Como andar SOBRE AS TELHAS

# ANDAR SOBRE AS TELHAS

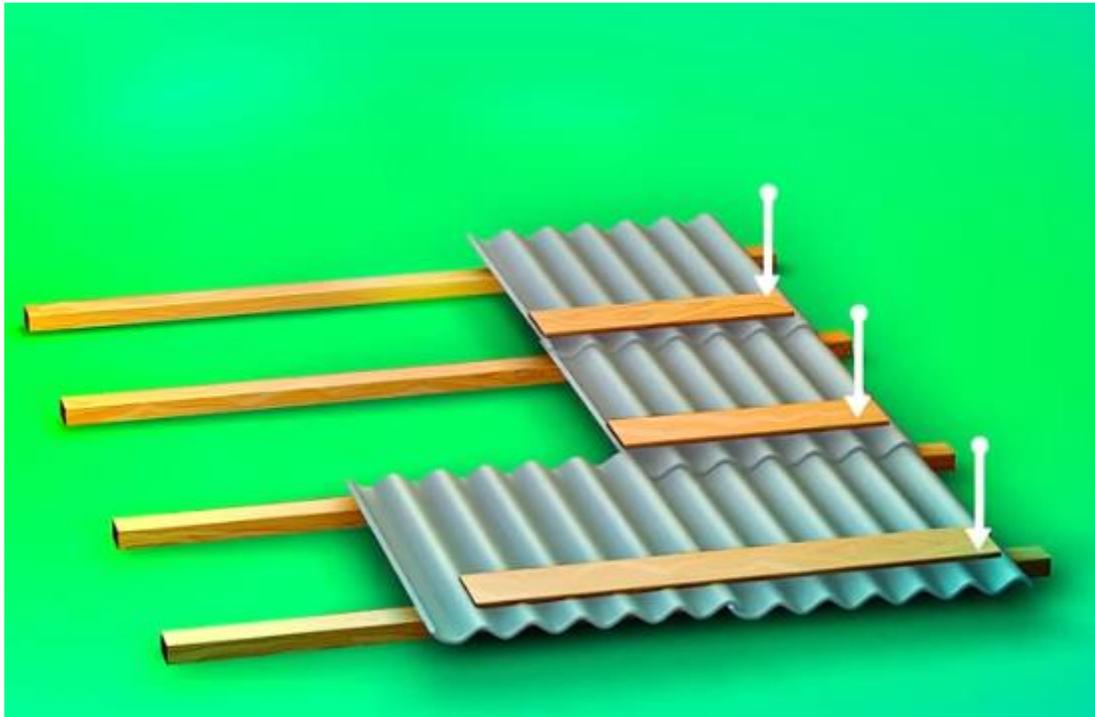


# CONSEQUÊNCIA

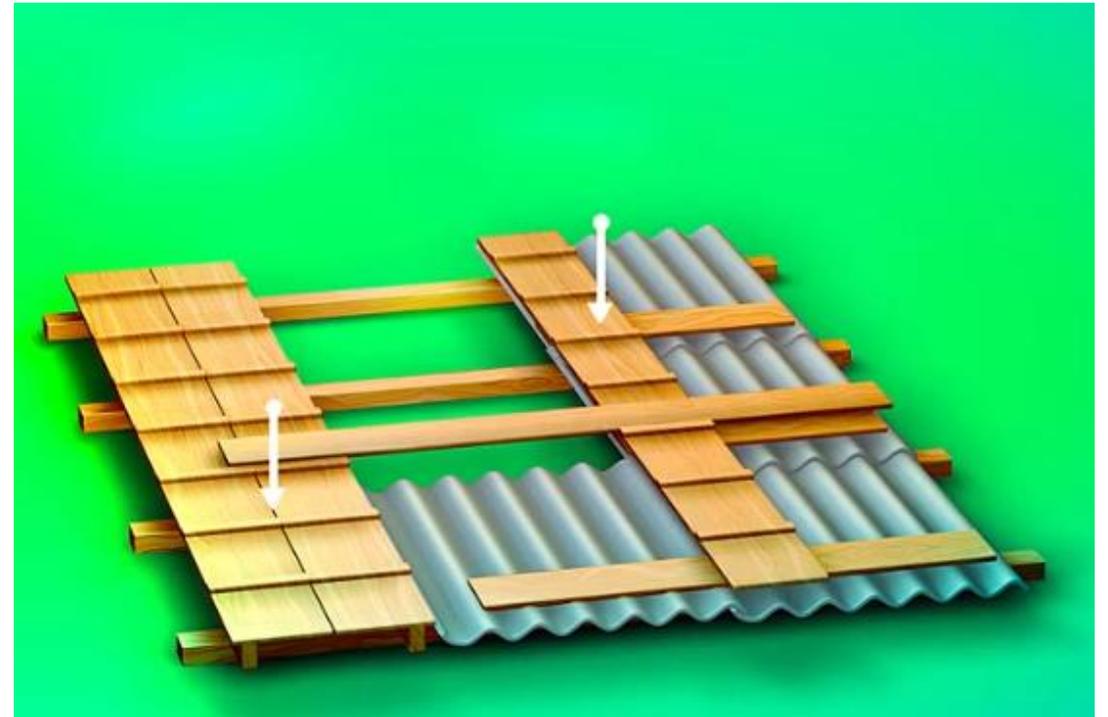


# UTILIZAÇÃO DE TÁBUAS

1º passo



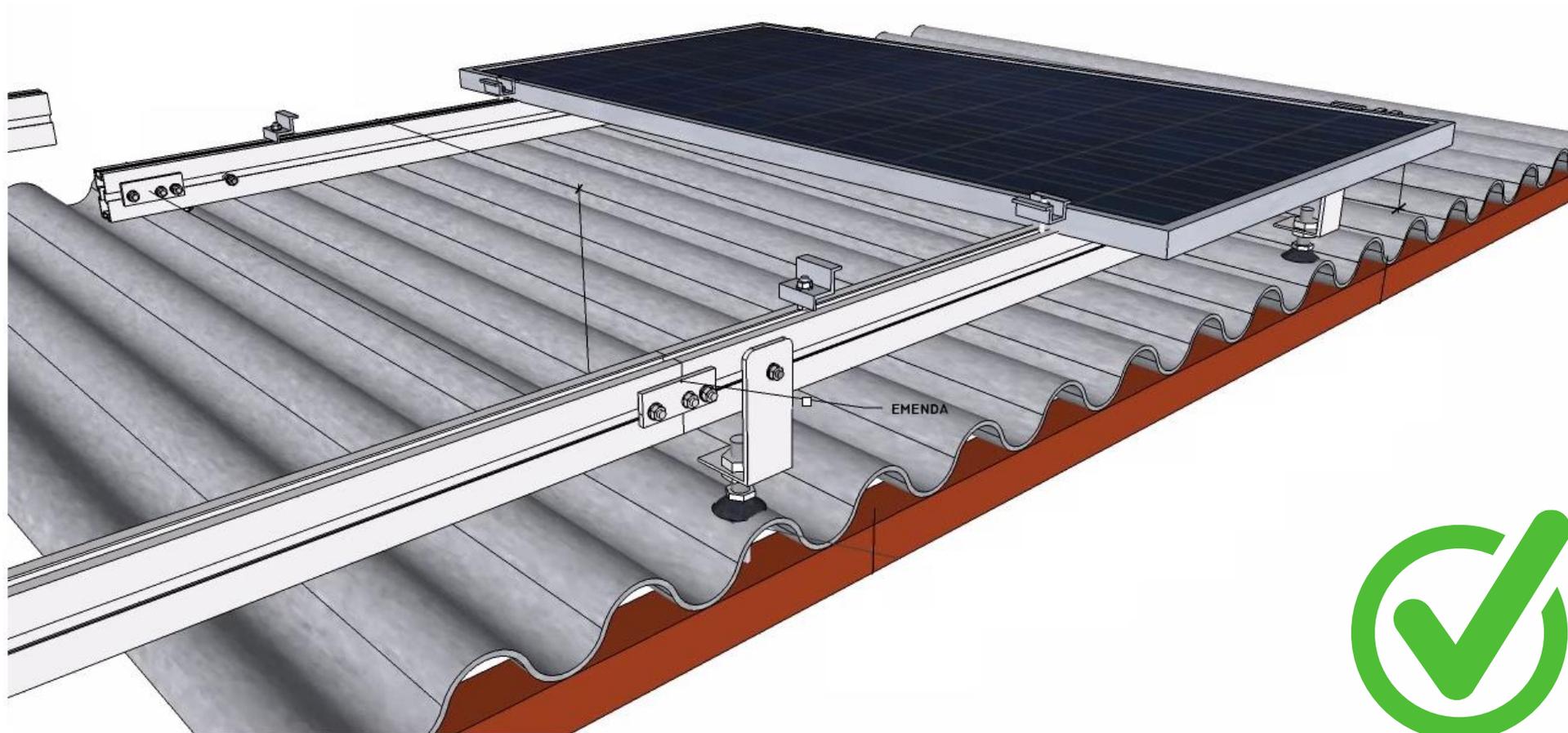
2º passo



# SOBRECARGA



# SOBRECARGA



# PINTURA

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# PINTURA



As telhas só podem ser pintadas com tinta acrílica à base de água.

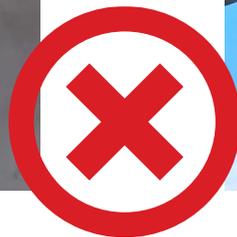


Jamais pinte apenas na face inferior. Isso pode contribuir para o surgimento de fungos.

# RECOBRIMENTO

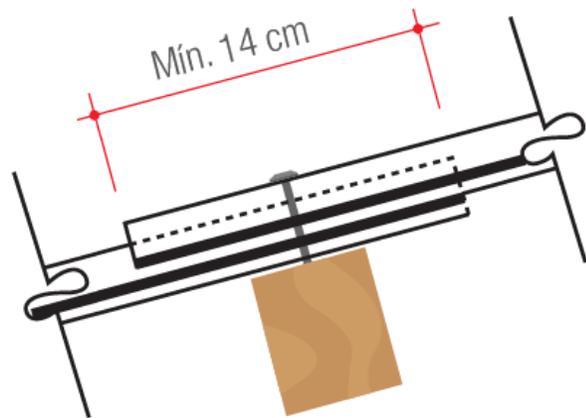
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# RECOBRIMENTO LONGITUDINAL

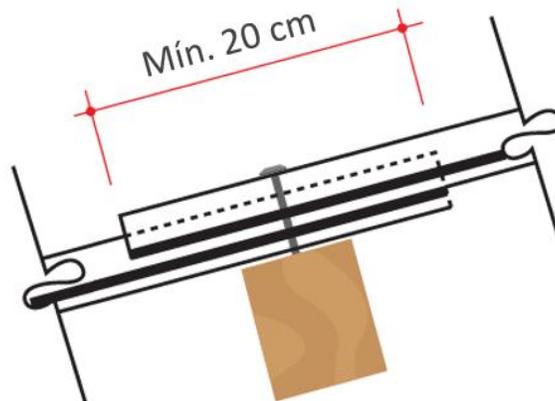


# RECOBRIMENTO LONGITUDINAL

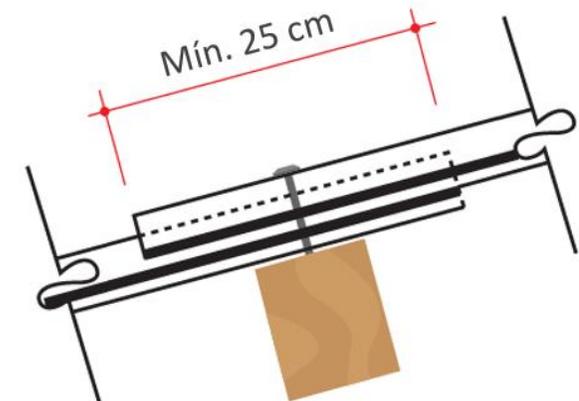
VOGATEX 4 MM



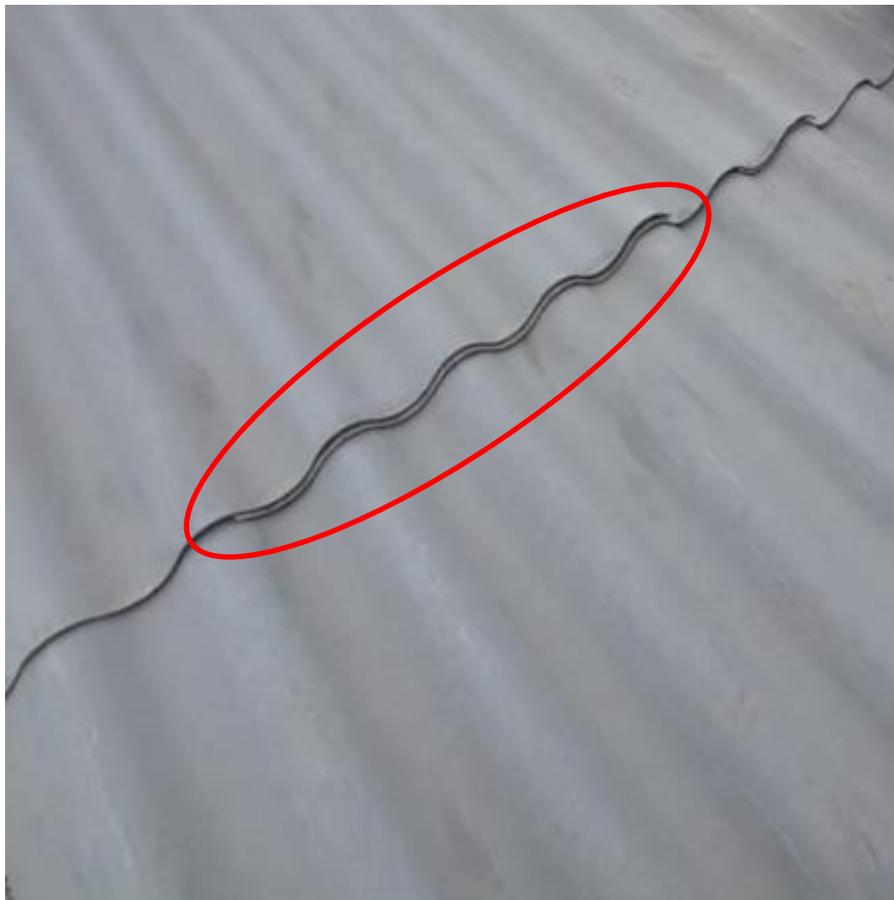
TROPICAL 5 MM



ONDULADA 6 MM

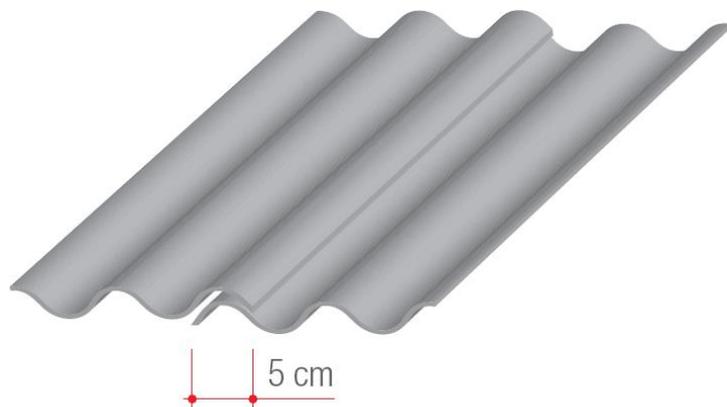


# RECOBRIMENTO LATERAL

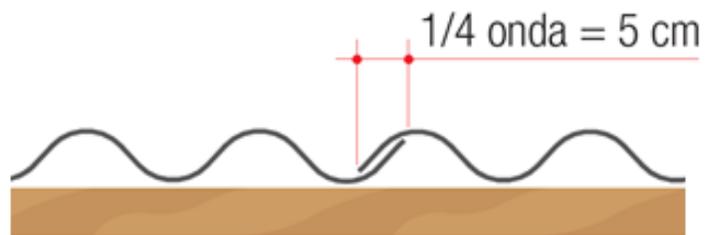


# RECOBRIMENTO LATERAL

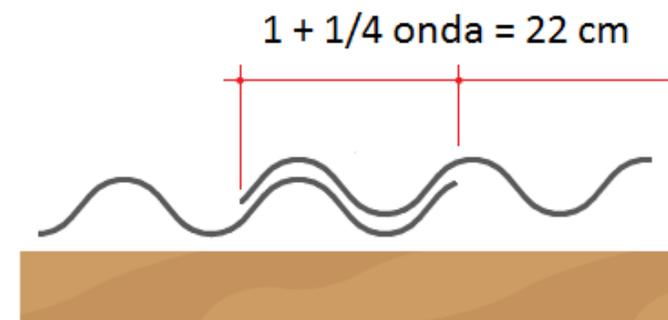
VOGATEX 4 MM



TROPICAL 5 MM



ONDULADA 6 MM

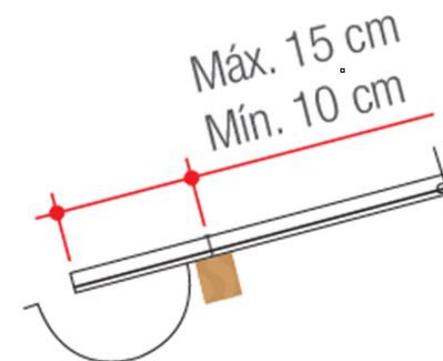


# BALANÇO

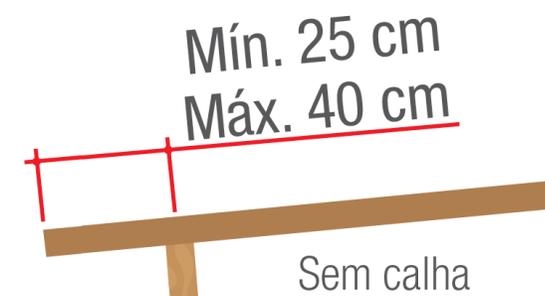
# BALANÇO LONGITUDINAL



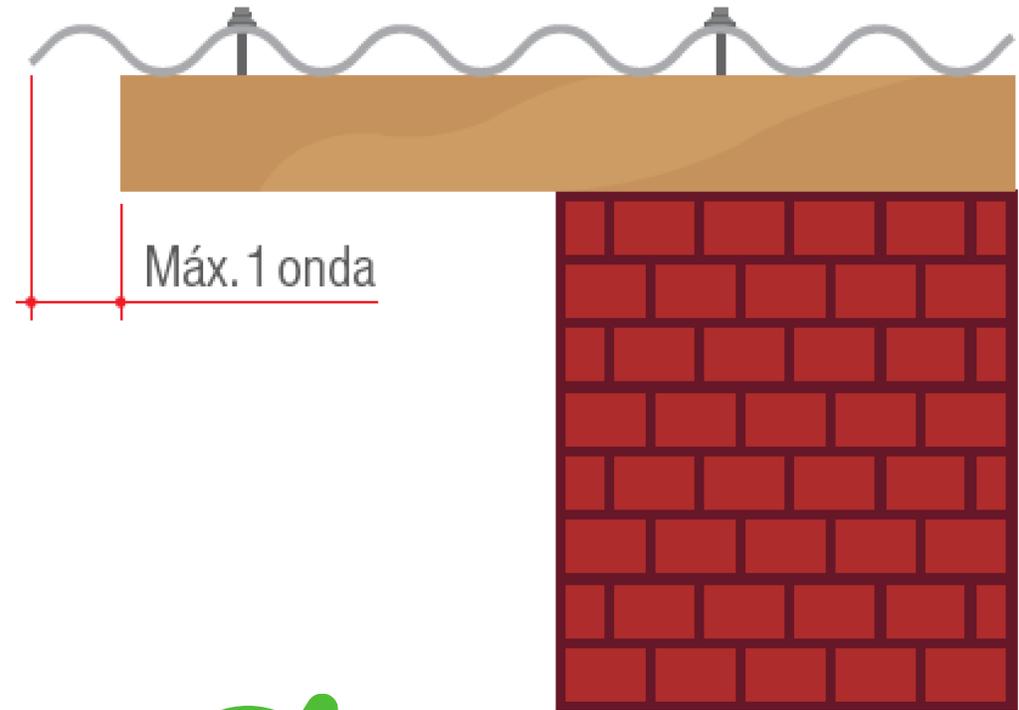
VOGATEX  
4 MM



TROPICAL 5 MM  
ONDULADA 6 MM



# BALANÇO LATERAL

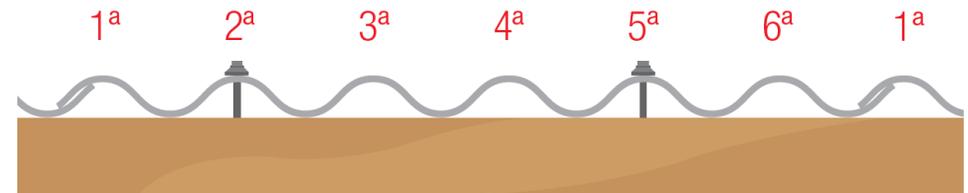


# FIXAÇÃO

# FIXAÇÃO



VOGATEX 4 MM  
TROPICAL 5 MM  
ONDULADA 6 MM

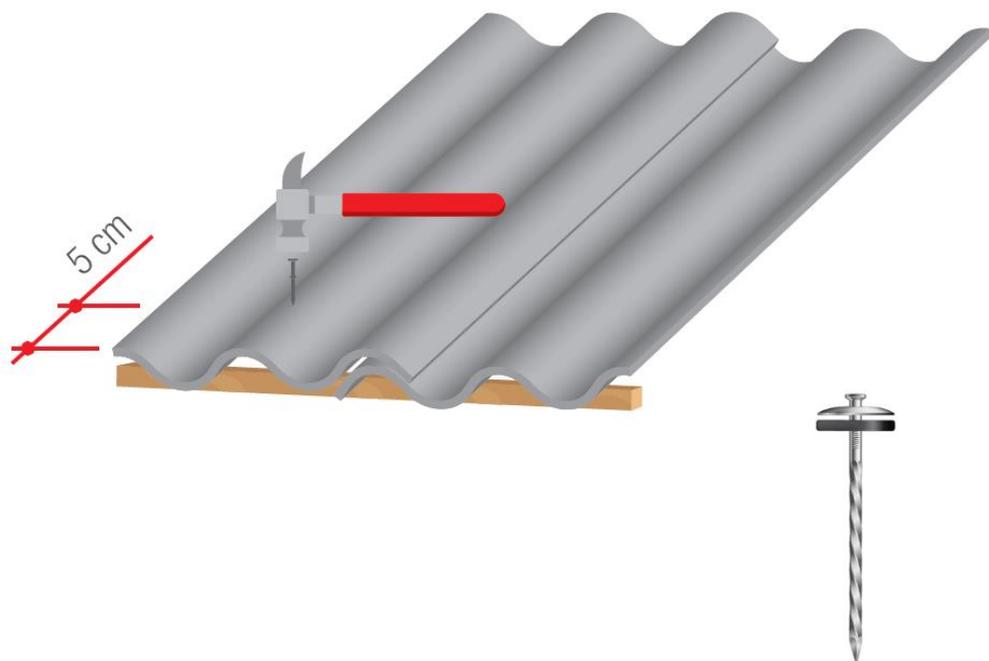


# FIXAÇÃO CORRETA

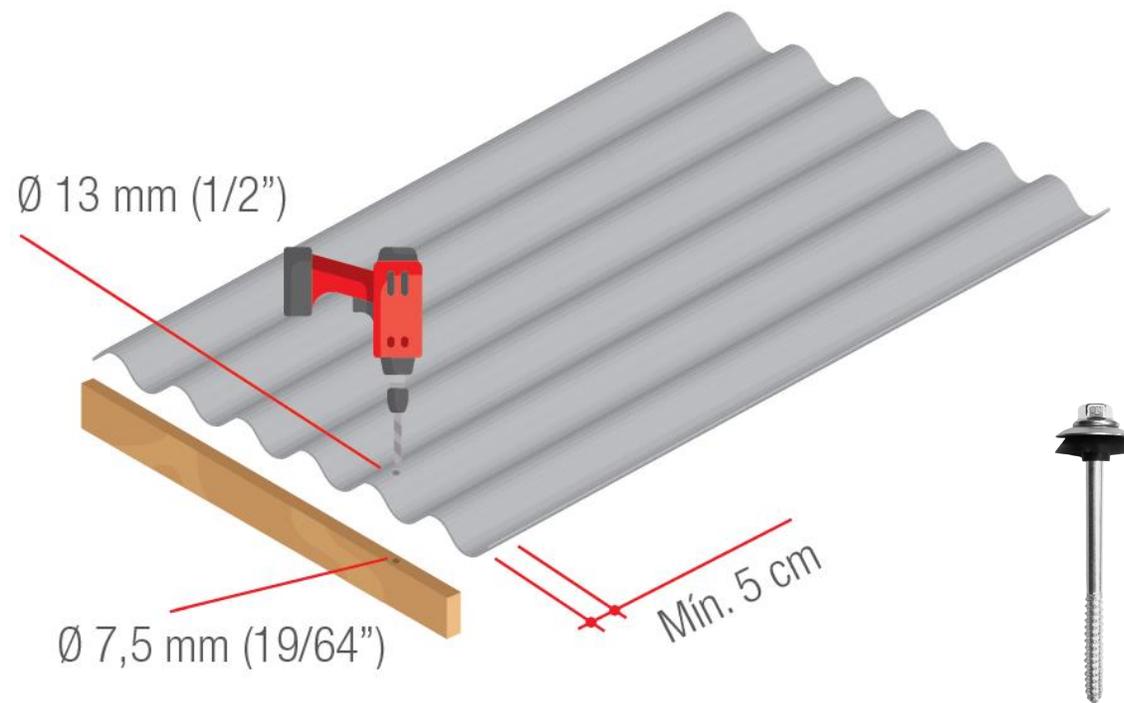


# FIXAÇÃO

VOGATEX 4 MM



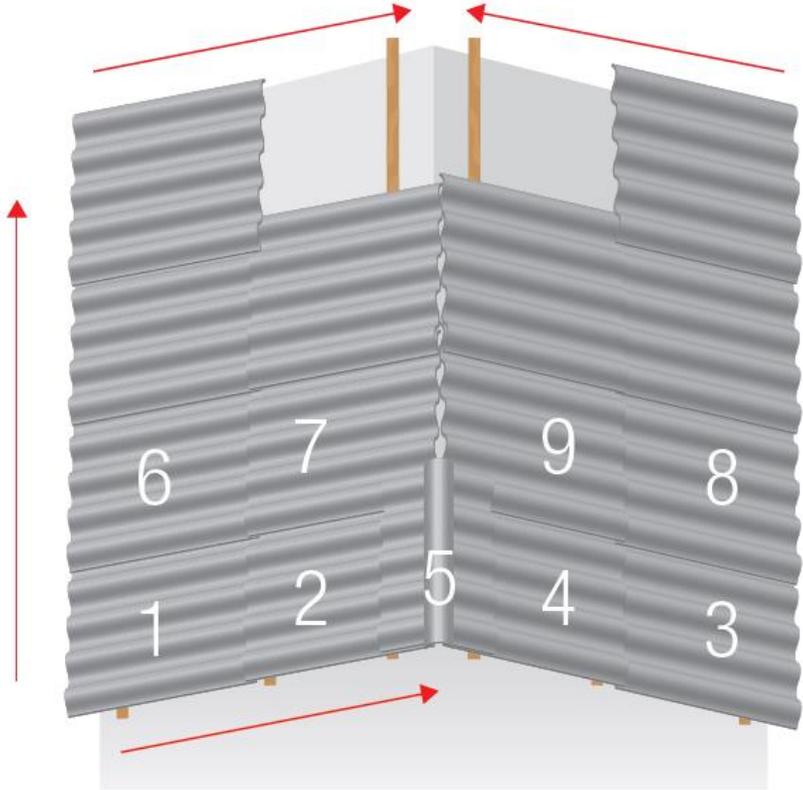
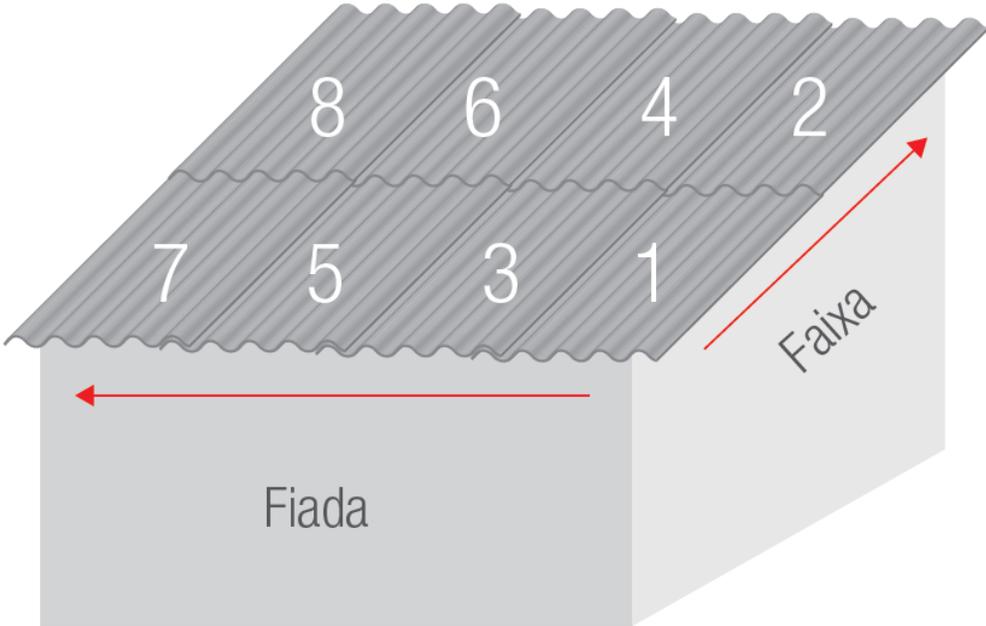
TROPICAL 5 MM  
ONDULADA 6 MM e 8 MM



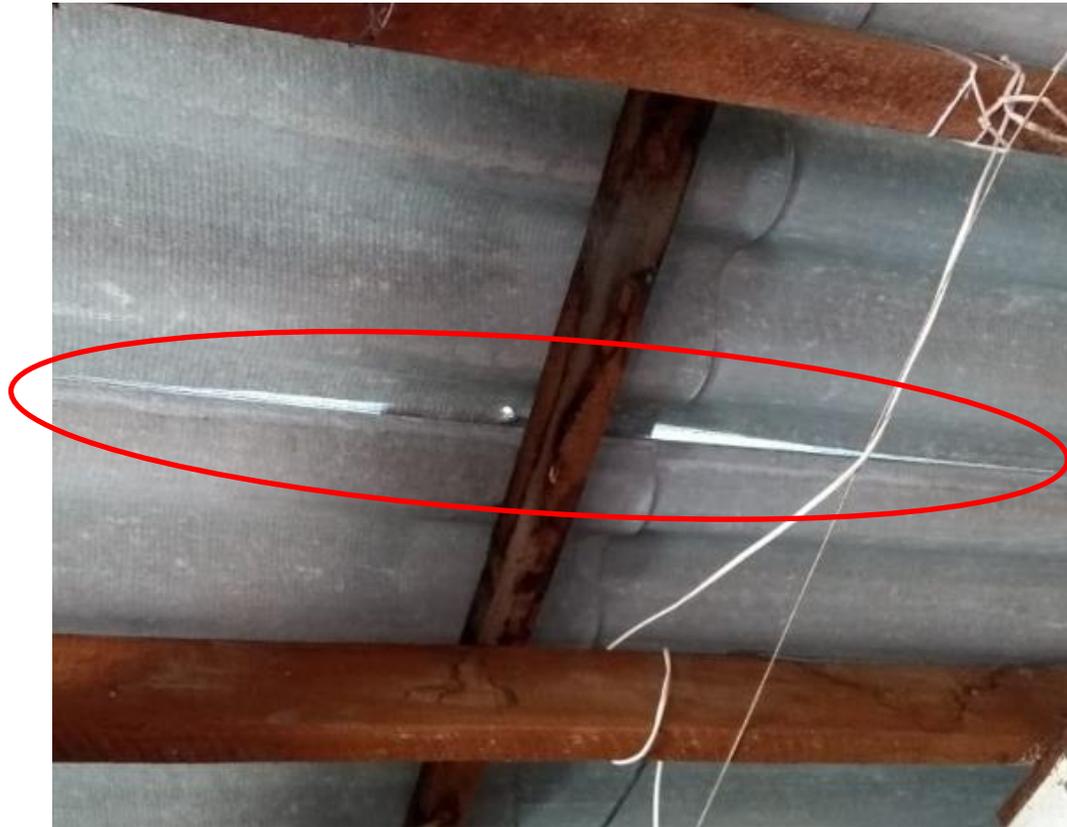
# FIXAÇÃO INCORRETA



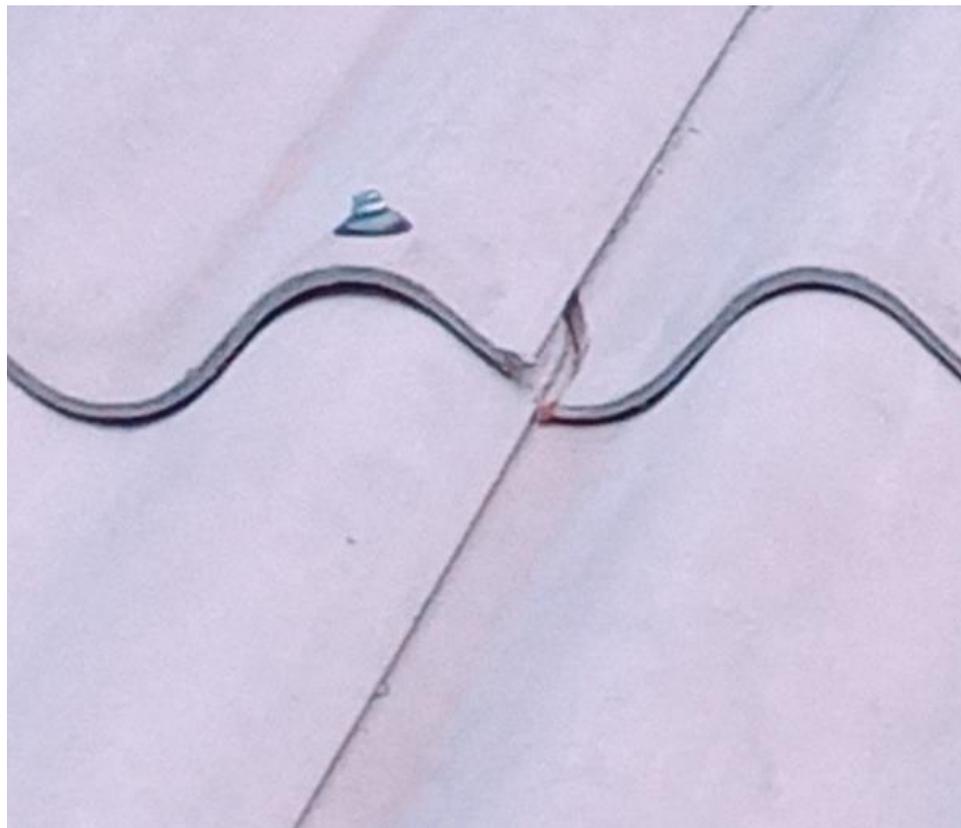
# SENTIDO DE MONTAGEM



# AUSÊNCIA DE CORTE DE CANTO



# CORTE DE CANTO



# ARGAMASSA





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# CANAIS DE ATENDIMENTO



**0800 021 1709**

Segunda a sexta, das 7:30h às 17:30h

 **(11) 98420-1801**

**sac@eternit.com.br**

**eternit.com.br/contato**

# CERTIFICADO



# Eternit

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[www.eternit.com.br](http://www.eternit.com.br)

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 Eternit Brasil

