

Forum:[Hack Forums](#)

Thread: [Who is wood expert? need to calculate how many m is from m](#)

Bulma - December 10, 2019, 8:28 am

Hello guys,

An interesting question for you.

For example.

From your experience and what you think?

How many m^2 approximately is from m^3 wooden planks?

thickness is 5cm.

Mr.Magnificent - December 10, 2019, 8:30 am

(Dec 10, 2019 09:28 AM)Bulma Wrote: [\[CITE\]](#) Hello guys,

An interesting question for you.

For example.

From your experience and what you think?

How many m^2 approximately is from m^3 wooden planks?

thickness is 5cm.

How long and wide are the planks?

If they're 1x1m;

$100/5 = 20$ planks

if they are 1mx0.1m;

$100/0.5 = 200$ planks

Bulma - December 10, 2019, 8:33 am

(Dec 10, 2019 09:30 AM)Mr.Magnificent Wrote: [\[CITE\]](#) How long and wide are the planks?

If they're 1x1m;

$100/5 = 20$ planks

if they are 1mx0.1m;

$100/0.5 = 200$ planks

i think it doesnt matter how long and wide are the planks, because m^3 is m^3 and its not important if the planks are 20cm wide or 10cm wide.

or i am wrong?

Goku - December 10, 2019, 8:34 am

You just have to extract the thickness then you would have the m^2

So

$$m^2 = \text{Length} \times \text{Width}$$

$$m^3 = \text{Length} \times \text{Width} \times \text{Height (thickness)}$$

so if it is $3m^3$ you're gonna do

$$3/5 = 1.5m^2$$

Mr.Magnificent - December 10, 2019, 8:34 am

(Dec 10, 2019 09:33 AM)Bulma Wrote: [\[CITE\]](#) i think it doesnt matter how long and wide are the planks, because m^3 is m^3 and its not important if the planks are 20cm wide or 10cm wide.

or i am wrong?

Depends if you're asking how many planks or not.

m^3 is a measurement of volume.

m^2 is a measurement of area.

<https://planetcalc.com/1026/>

EDIT: Sorry.. I think I misunderstood the question :) user above me explained it perfectly.

Bulma - December 10, 2019, 8:40 am

(Dec 10, 2019 09:34 AM)Goku Wrote: [\[CITE\]](#) You just have to extract the thickness then you would have the m^2

So

$$m^2 = \text{Length} \times \text{Width}$$

$$m^3 = \text{Length} \times \text{Width} \times \text{Height (thickness)}$$

so if it is $3m^3$ you're gonna do

$$3/5 = 1.5m^2$$

so you mean, if its $3m^3$ and the thickness is 5cm, it would be just $1.5 m^2$?

Goku - December 10, 2019, 10:10 am

(Dec 10, 2019 09:40 AM)Bulma Wrote: [\[CITE\]](#) so you mean, if its $3m^3$ and the thickness is 5cm, it would be just $1.5 m^2$?

yep, also, if you want to know m^3 you do $m^2 \times \text{thickness} = m^3$