

# Data Sheets

## ROOF TILES



### Giverny PV

plant: Chagny 2

Réf.: CY\_1GPV\_2014-01-14-anglais

#### Characteristics

<b>Dimensions</b>	length (mm)	351
	width (mm)	247
<b>Water permeability</b>	Pass Category 1	
<b>Durability / Frost resistance</b>	Pass level 1 (150 cycles)	
<b>gauge</b>	longitudinal (cm)	22,5 à 27,5
	transverse (cm)	20,4
<b>weight</b>	2,3	
<b>tiles by square meter</b>	18 à 22	



Pass EN 1304



#### Fulfilled conditions

Specifications		Test method	Requirements
Surface quality (aspect)		NF EN 1304 et Ref. NF063	Pass
Geometric characteristics	Deviation of the average length	NF EN 1024	± 2 %
	Deviation of the average width		± 2 %
	Regularity of shape		≤ 1,5 %
	Straightness		≤ 1,5 %
Water permeability (cm <sup>3</sup> /cm <sup>2</sup> /jour)		Ref. NF063 (alternative method)	individual result ≤ 0,4 average ≤ 0,3
Flexural strenght		Ref. NF063 (alternative method)	individual result ≥ 1500 N
Frost resistance	European Method	NF EN 539-2	Pass level 1 (150 cycles)
Flexural strenght after frost resistance		Ref. NF063 (alternative method)	individual result ≥ 1500 N
Reaction to fire		-	Class A1
External Fire performance		-	Deemed to satisfy

Characteristics certified by NF mark are aspect, geometric characteristics, flexural strenght, water permeability, frost resistance ([www.marque-nf.com](http://www.marque-nf.com))