



DECLARATION OF PERFORMANCE

No. 080

1. Unique identification code of the product-type:

charBIT[®] bitumen roof shingle RECTANGULAR
charBIT[®] bitumen roof shingle BEAVERTILE (BEAVER)
charBIT[®] bitumen roof shingle DELTA
charBIT[®] bitumen roof shingle HEXAGONAL

2. Intended use:

Bitumen shingles with mineral reinforcement
(EN 544:2011)

The shingle products are intended to act as a water-shedding element on roofs with a roof slope 15° - 85° and a protective covering to the roof deck.

3. Manufacturer:

Charvát a.s., Družstevní 289, 517 42 Doudleby nad Orlicí, Czech Republic, tel.: +420 494 383 431

4. Authorised representative:

The manufacturer has no representative on the market.

5. System of AVCP:

System 3

- 6a. Harmonised standard:

EN 544:2011

Notified body:

Technický a zkušební ústav stavební Praha, s.p.
Oznámený subjekt 1020

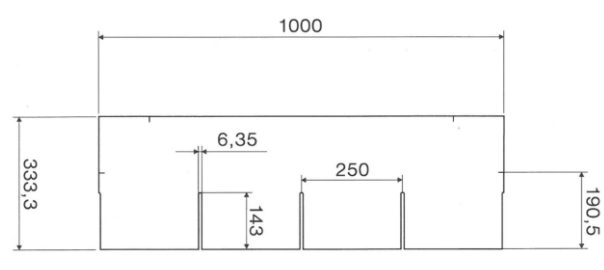
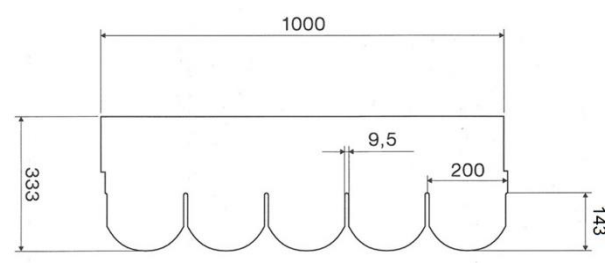
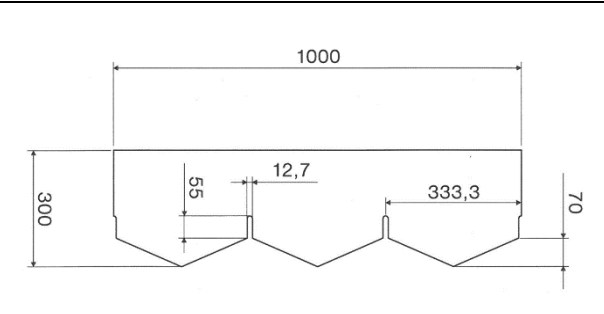
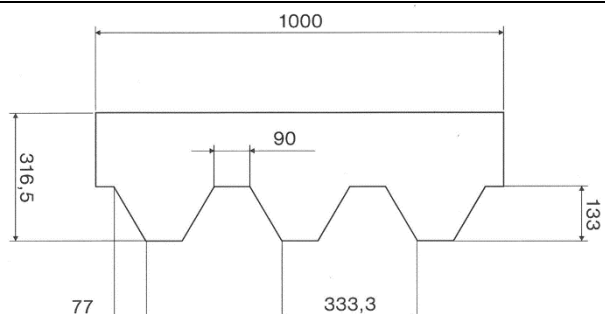
- 6b. European Assessment Document:

Not applicable.



7. Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Mechanical properties - strength in the direction of shingle width - strength in the direction of shingle height - nail shank tear resistance	≥600 N/50 mm ≥400 N/50 mm ≥100 N	EN 544:2011
Reaction to fire	class E	
External fire performance of roofs	B _{ROOF} (t1)	
Mass of bitumen	≥1300 g/m ²	
Shapes and dimensions*	Width Height	
Rectangular	1000 ± 3 mm 333,3 ± 3 mm	
Beavertile (Beaver)	1000 ± 3 mm 333,0 ± 3 mm	
Delta	1000 ± 3 mm 300,0 ± 3 mm	
Hexagonal	1000 ± 3 mm 316,5 ± 3 mm	
Water absorption	<2 %	
Resistance to UV radiation	pass	
Resistance to blistering	pass	
Flow resistance at elevated temperature (90±2)°C	≤2 mm	
Adhesion of mineral granules	≤2,5 g	

*Shapes and dimensions	
<i>Note: Dimensions are stated in mm.</i>	
RECTANGULAR	BEAVERTILE (BEAVER)
	
DELTA	HEXAGONAL
	

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

Not applicable.



The performance of the product identified above is in conformity with the set of declared performance/s.
This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Jindra Kynclová, sales director

At Doudleby nad Orlicí on 2.5.2019

A handwritten signature in blue ink, appearing to be "JK", located between the name and the date.

CHARVÁT
akciová společnost
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517 42 Doudleby nad Orlicí
(P.VJ)