



JOINT STOCK COMPANY "GARGZDU MIDA"

DECLARATION OF CONFORMITY

02 d. 10 month 2009 year



Lithuanian and Russian JSC "GARGZDU MIDA" declare under our sole responsibility that the bitumen shingles

HEXAGONAL 6S4X21,

with product passport No.: 136 (September, 2009)

to which this declaration relates is in conformity with the European Technical Approval ETA 09 / 0280 "Low bitumen mass shingless with mineral reinforcement" requirements

and can be used for installation of the new pitched roofs or walls and reconstruction of the old ones. It applies to bitumen shingles where the watertightness of the roof covering or wall cladding system is ensured by overlapping, to the smooth and continuous

basis of pitched roofs or walls fastens mechanically with roofing nails according to manufacturer installation instruction.

Manufacturer references:

1. Do not use this material on pitched roofs the inclination of which is $\leq 12^\circ$.
2. Packages with shingles should be stored and transported in horizontal position combined on wooden pallets and should be protected against moisture, mechanical damage and heat (temperature not higher than $+40^\circ\text{C}$).
3. In the cold season material should be kept at temperature not lower than $(20\pm 3)^\circ\text{C}$ not less than 24 hours before installation.
4. The minimal temperature of installation is 6°C .

ETA 09 / 0280
Bitumen shingles for roof covering

Type: 6S4 X 21

External fire performance: F_{ROOF}

Reaction to fire: Class F

Characteristics	Test method in the ETA 09/0280, LST EN 544:2006 or other standards	Units	Value or statement	Declared tolerances
Mass of bitumen	LST EN 544	g/m^2	800 -1300	
Height (H)	LST EN 544	mm	317	$\pm 3,0$
Width (W)	LST EN 544	mm	1000	$\pm 3,0$
Tensile properties: maximum tensile force (width), (height)	EN 12311-1	N/50 mm	≥ 600 ≥ 400	
Resistance to tearing (nail shank)	EN 12310-1	N	≥ 100	
Water absorption	LST EN 544	%	≤ 2	
Resistance to UV radiation	ETA 09/0280, LST EN 1297		Pass	
Blistering	LST EN 544, ETA 09/0280		Pass	
Flow resistance at elevated temperature	LST EN 1110	$^\circ\text{C}$	≤ 2 mm at 90°C	
Adhesion of granules and flakes of slate	LST EN 12028	g	$\leq 2,5$	

Vyr. inžinieriaus pavaduotoja kokybe
Nijolė Marija Kondrašovienė

(Duty, name, surname of an authorized person)



(Signature)
(Signature)

