AMK®
DECORATIVE COVERING

Climate Resistance Test Results

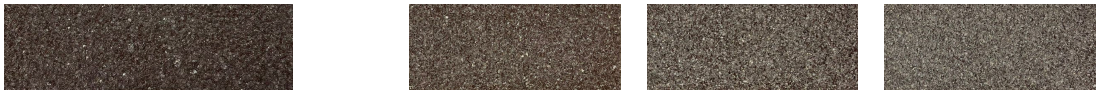
Method of Testing (1 cycle/24 hours):

Stage of Testing	Temperature (°C)	Humidity (%)	Duration (hours)
Samples are placed in a heated humidity chamber.	40 ± 2	97 ± 3	6
Humidity chamber: heating is turned off.	40 ± 2	97 ± 3	2
Samples are transferred to a freezer.	negative (45 ± 3)	not regulated	3
Samples are transferred to a weathering test chamber operating under cycle 3-17 (3 minutes of water spray every 17 minutes) under exposure to UV rays 290–400 nm / 35±5 W/m^2.	60 ± 3	not regulated	7
Samples are exposed to open air.	from 15 to 30	no more than 80	6

**The interval between stages shall not exceed 10 minutes.*

Evaluation of appearance after 125, 130, and 135 cycles of climatic testing:

Name of the indicator	Number of cycles and indicators		
	125 / 10 years	130 / 13 years	135 / 17 years
Assessment of damage:			
-Cracking	no	no	no
-Weathering	no	no	no
-Delamination	no	no	no
-Wrinkling	no	no	no
-Blistering	no	no	no
Appearance evaluation:			
-Gloss change	no	no	no
-Dirt retention	no	no	no
-Chalkiness	no	no	no
Lightfastness:			



According to the results of the accelerated climatic test, the material maintains its properties for a minimum of 17 years under moderate climatic conditions