








**TEST REPORT No 105 SŠF/12
30 January 2013**

Determination of impact resistance of timber frame panels with a layer of straw insulation

(test name)






Test performed in accordance with:	LST EN 13497 Building thermal-insulating products. Determination of the resistance to impact of external thermal insulation composite systems (normative document number or description of the method, test procedures, test margin)
Product:	Pressed straw block. Dimensions: width 890 mm, height 2050 mm, thickness 490 mm. System: compressed straw in the wooden frame are plastered on one side with 30 mm of clay. On the other side it is covered with 60 mm STEICO protect (inthermo) wood-fiber wool. (name, normative document symbol or description, recognition techniques)
Customer:	UAB ECOCOCON, Dievogala village Dievogalos g. 69, Kaunas district. (name and address)
Manufacturer:	UAB ECOCOCON, Dievogala village Dievogalos g. 69, Kaunas district. (name and address)

Test results:

500 g ball impact from the hide of 408 mm			
Location	Damage type		
1.	No damage		
2.	No damage		
3.	No damage		
4.	Top layer desquamation		
5.	Top layer desquamation	1	2
			
	3	4	5

Test report results relate only to the samples tested.
Parts of the report may not be multiplied without the written consent of the laboratory.

**TEST REPORT No 105 SŠF/12
30 January 2013**

1000 g ball impact from the hide of 1020 mm			
Loca tion	Damage type		
1.	Reinforcing mesh is visible		
2.	Reinforcing mesh is visible		
3.	Reinforcing mesh is visible		
4.	Top layer desquamation		
5.	Top layer desquamation	1	2
			
	3	4	5

Test conditions:	temperature of 18 °C, relative humidity 45%.		
Test equipment:	Spec. weights 500 g and 1,000 g, measuring tape (GW- 589E) No. 58		
Testing place:	KTU ASI Research Laboratory of Building Thermal Physics (test laboratory name)		
Sample delivery date:	11-12-2012	Date of test:	30-01-2013
Sampling:	Customer. Sampling report 105/12, 11-12-2012		
Other information:	Application of 11-12-2012, drawings. (any deviations, additional testing, exceptions and any information related to a specific test)		
Technical manager:			J.Ramanauskas
(technically responsible for the test)		(signature)	(full name)
Test performed by:			
(technically responsible for the test)		(signature)	(full name)
		L.S.	

Test report results relate only to the samples tested.
Parts of the report may not be multiplied without the written consent of the laboratory.