

Report number: 491SATM10 – 0

LOAD CAPACITY ON PROFILES - REF.: 38 x 40

Load capacity of the profiles

The maximum loads are calculated according to the following conditions:

- The maximum bending is $< L/150$
- The tests were done using a 200kN-capacity mechanical universal-testing machine

Profile Length (spam)	3 points bending test	4 points bending test
500 mm		
1000 mm	6624 N	8955 N
1500 mm	2498 N	3261 N
1500 mm	1170 N	1577 N

General observations:

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