

# DECLARATION OF PERFORMANCE

No.: EU-DoP-CH-2014-2

1. **Unique identification code of the product-type:** Carriage House®, Type 4 X 2
2. **Intended use / uses:** Bitumen shingles for roof and external wall covering. The bitumen shingles are designed for inclined roofing on roof slopes greater than 9,5°. Low-slope applications (9,5° to 18,5°) require additional underlayment.
3. **Manufacturer:** CertainTeed Corporation  
20 Moores Road, Malvern PA 19355 USA
4. **Authorized representative:** not relevant
5. **System/s of AVCP:** 3,4
- 6a. **Harmonized standard:** EN 544:2011  
**Notified body/ies:** Notified testing laboratory FIRES, s r.o., Notified Body No. 1396  
(for reaction to fire)
- 6b. **Technical Assessment Body:** not relevant
7. **Declared performance/s:**

Essential characteristics	Performance
Mechanical resistance: - tensile strength (width) - tensile strength (height) - nail shank tear resistance	$\geq 600$ N/50 mm $\geq 400$ N/50 mm $\geq 100$ N
Reaction to fire	Class E
External fire performance	Class F <sub>ROOF</sub>
Water permeability - mass of bitumen	$\geq 1500$ g/m <sup>2</sup>
Dimensional variation - Width <i>W</i> - Height <i>H</i>	457,2 ± 3 mm 914,4 ± 3 mm
Durability of mechanical resistance - Resistance to UV radiation	no cracking or fissuring
Durability of water permeability - flow resistance at elevated temperature - adhesion of granules - water absorption	$\leq 2$ mm $\leq 2,5$ g < 2%

8. **Appropriate Technical Documentation and/or Specific Technical Documentation:** not relevant

**Signed for and on behalf of the manufacturer by:** Kermit Stahl, Director

**At:** Malvern, PA

**Signature:** \_\_\_\_\_



**Date:** 25 April 2016