

Standard EN 1337-2: Structural bearings

Part 2: Sliding elements

Standard EN 1337-2: 2004 is one of the most recent European regulations relating to the structural bearings, specifically referring to the sliding parts, it specifies project and production characteristics of sliding elements and guides.

PTFE products are one of the most important parts in the structural supports. The chemical-physical characteristics of PTFE, heat resistance, self-lubricating characteristics and low coefficient of friction, ensure the balance of the structural support themselves.

Fluteck® P2010 products manufactured by Fluorseals, have been long-term tested from the prestigious Materials Testing Laboratory of the Politecnico di Milano, obtaining approval and certification according to the standards. This certification is essential for the supplies intended for the structural supports.

INSPECTION CERTIFICATE 3.2 according to EN 10204 – PTFE WHITE

Certificate n° 2010/1351

Date of issue: 24th January 2011

PTFE White

Material type: Fluteck® P2010

Date of sampling: 20th May 2010

Test: long term friction test according to EN 1337-2: 2004, Annex D, on dimpled lubricated PTFE sheets in combination with austenitic steel plates – austenitic steel plate and lubricant corresponding to EN 1337-2 within the scope of initial type testing of white PTFE of bridge bearing quality for the long term friction test.

Test specification: coefficients of static and dynamic friction within the range of acceptability established in EN 1337-2: 2004, Clause 4.1.2, for the long term friction test of white PTFE of bridge bearing quality.

Reference standard: EN 1337-2: 2004 “Structural bearings – Part 2: Sliding elements”.

Test result: Requirements established by EN 1337-2: 2004, Clause 4.1.2, for the long term friction test on dimpled lubricated PTFE sheets in combination with austenitic steel used in plane or spherical sliding surfaces are fulfilled – the initial type test has been successfully achieved.

All test results are taken from the original Test Report No 2010/ 1350 issued on 24th January 2011 by the Materials Testing Laboratory of Politecnico di Milano.

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