



**DURAPROOF technologies GmbH**  
**Eisenbahnstraße 24**  
**66687 Wadern-Büschfeld**

**Resistance to root and rhizome penetration of the flexible sheet  
NOVOPROOF® DA-P with a thickness of 1.3, 1.5 and 2.0 mm**

Dear Sir or Madam

The EPDM sheet labelled as NOVOPROOF® DA-P with a thickness of 1.3 mm has passed the test of resistance to root and rhizome penetration according to FLL at our institute in 2003 (report 22e/13). The sheet NOVOPROOF® DA-P is therefore considered to be resistant to roots and to Couch Grass rhizomes according to FLL standard.

According to an affirmation of the DURAPROOF technologies GmbH the sheet NOVOPROOF® DA-P is also produced with a thickness of 1.5 and 2.0 mm by using the same material, the same formulation and the same production process as the tested sheet with a thickness of 1.3 mm. The joint technique (Thermofast® hot air welding) is identically too.

Therefore the sheet NOVOPROOF® DA-P with a thickness of 1.5 and 2.0 can be regarded as being resistant to root and rhizome penetration according to FLL as well.

The FLL method involves all relevant elements of the method according to the European Standard EN 13948. Furthermore the FLL method is more extensive and is considered to be more significant among experts. So from the technical point of view the flexible sheet NOVOPROOF® DA-P with a thickness of 1.3, 1.5 and 2.0 mm can be regarded as being resistant to root penetration according EN 13948 too. Reference samples of the sheets with the mentioned thickness are stored at our institute.

Kind regards

(Martin Jauch)

**Freising**  
04.12.13

**Ihre Nachricht vom**

**Ihr Zeichen**

**Unser Zeichen**  
31/Ja

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