



## ABRASION TEST

### Sandblasting of NORSelast® plates

#### Test setup

Four testplates in moulded NORSelast® with hardness 90 Shore A and thickness of 10mm was mounted on a Hardox steelplate. This was then put inside the sandblasting machine at Ramco Norway AS i Florø. The plate was welded to the wall in the area which receives all the sand from the production. Hardox is special steel which is very abrasion resistant.

#### Result

After seven weeks of production at a three shift schedule the testplates had been exposed to sandblasting for almost 700 hours. The Hardox plate was showing severe abrasion. The pictures are clearly showing that NORSelast® not only protected the steel which was covered, but hardly showed any sign of abrasion at all. The dimension was almost intact, and only the edges did show some sign of wear.



#### Conclusion

"The testplates of NORSelast® are **very resistant** to sandblasting, so this is very interesting for us."

- Tor Inge Solheim, Plant Supervisor Ramco Norway AS



14 February 2013

Author: Frode Lindvik