

# Declaration of Performance No. DOP\_B0050

## ABLOY HINGE

### N90x47.5T-CE

#### Intended use or uses of the construction product:

Fire/smoke compartmentation doors and escape route doors.

#### MANUFACTURER:

**Abloy Oy**  
**Björkboda factory**  
 Konttoritie 2  
 FI-25860 Björkboda  
 FINLAND

System or systems of assessment and verification of constancy of performance of the construction product: AVCP 1

#### NOTIFIED PRODUCT CERTIFICATION BODY:

**DNV CERTIFICATION AB**  
**ID no. 1602**  
 Box 6046,  
 SE-171 06 Solna  
 SWEDEN

Notified product certification body performed the determination of the product type on the basis of type testing (including sampling), initial inspection of the manufacturing plant and of the factory production control and continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance of the product.

No. 1162-CPD-0639

Category of use	3	Hinges for use on doors in buildings where there is a high frequency of use by public	EN 1935: 2002 and AC 2003 Building hardware - Single-axis hinges - Requirements and test methods
Durability	7	200 000 cycles	
Door mass	4	Max. 80 kg	
Suitability for use on fire/smoke compartmentation doors	1	Suitable for use on fire/smoke resistant doors	
Safety	1	Only one grade; grade 1	
Corrosion resistance	2	48h	
Security – Burglar resistance	0	Not suitable for use on burglar-resistant doors	
Hinge grade	11		

Björkboda, 28-June-2013

  
 Jouni Haapaniemi, Vice President  
 Abloy Oy, Lock Cases