



AEROK®

PYROK®

FORMOA®

FORBOND®

PUROK™

## TECHNICAL DATA SHEET

# FORBOND 400

## TECHNICAL CHARACTERISTICS

Base	Polyurethane
Consistency	Paste
Curing System	Moisture Cure
Skin Formation	Ca. 15min (20°C/65% R.V)
Curing Rate	3mm/24h (20°C/65% R.V)
Hardness	40 ± 5 Shore A
Specific Gravity	1.30g/ml
Temperature Resistance	-30°C until +90°C
Elastical Recovery	>80%
Maximum Deformation	20%
Elasticity Modulus 100%	0.8N/mm <sup>2</sup> (DIN 53504)
Maximum Tension	>1.7N/mm <sup>2</sup> (DIN 53504)
Elongation at Break	>700% (DIN 53504)

## PRODUCT

Forbond 400 is a high single component polyurethane sealant, with high modulus for a wide range of sealing and bonding applications

## PACKAGING

*Colour:* White, grey, black, other colours on request  
*Packaging:* 310ml alu cartridge and 600ml sausages

## SELF LIFE

12 month in unopened packaging, in a cool and dry storage place at temperatures between +5°C and +25°C



FORGEWAY

## CHARACTERISTICS

- Very easy application
- Stays elastic after curing
- Very good adhesion on many materials
- Excellent resistance to many chemicals
- Especially developed for concrete applications

## SURFACES

Forbond 400 has excellent adhesion on all usual building surfaces, most metals, polyesters and many plastics - not on glass or PVC

- Nature:*
- Clean, dry and free of dust and grease
- Preparation:*
- In very warm and moist climates we recommend the use of Primer 100 for applications on porous surfaces
  - No primer required on non porous surfaces
  - Non porous surfaces may be activated by Surface Activator

We recommend preliminary compatibility tests prior to application

## JOINT DIMENSIONS

- Minimal Width:* 2mm (bonding)  
5mm (joints)
- Maximal Width:* 10mm (bonding)  
30 mm (joints)
- Minimal Depth:* 5mm (joints)
- Recommendation:* Width of joint = 2x depth of joint

## APPLICATION

- Method:* Manual or pneumatic caulking gun
- Application Temperature:* +1°C to +30°C
- Cleaning:* White Spirit immediately after application
- Tooling:* With soapy solution before skin formation
- Repair with:* Forbond 400

## HEALTH AND SAFETY RECOMMENDATION

Apply the usual industrial hygiene

The variability of materials, substrates and conditions of use is such that no warranty of their functionality for a specific application can be deducted from this information, written recommendation or any other type of suggestion offered. Each user has the responsibility to complete adequate evaluations on the efficacy of the materials offered by Forgateway, of its products, services, recommendations and suggestions for the specific application need, and must accomplish sufficient testing to ascertain that the final product will be safe and sound for the final intent of the end-user.

AEROK®

PYROK®

FORMOA®

FORBOND®

PUROK™

