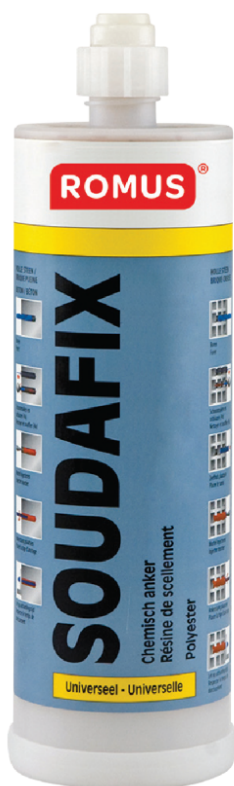


TECHNICAL DATA SHEET - GB



CHARACTERISTICS			
Base	Polyester		
Consistency	Stable paste		
Hardening system	Chemical		
Hardening rate (20 °C/65% RV)	Temperature	Beginning	End
	5 °C	25 min	120 min
	10 °C	15 min	80 min
	20 °C	6 min	45 minutes
	30 °C	4 min	25 min
35 °C	2 min	20 min	
Density	Density 1.65 g/cm ³		
Temperature resistance	Up to +80 °C - - short term up to +110 °C		
Dynamic elasticity module	3,300 N/mm ²		
Maximum bending tension	56 N/mm ²		
Maximum pressure tension	108 N/mm ²		

PRODUCT

POLYESTER CHEMICAL SEALANT is a 2-component anchoring mortar for the unstressed fastening of threaded rods, rebars, reinforcing rods, anchor screens, etc. in solid and hollow supports, such as concrete, solid brick, hollow brick, cellular concrete, natural stone, plasterboard walls, etc.

PROPERTIES

- Very good, simple applicability
- Easy to use
- Quick hardening
- Extended scope
- Cartridge reuse by simply exchanging the mixing end piece
- Especially suitable for anchoring in hollow materials in conjunction with the screen Soudal (Socotec approval)

PACKING

Shades: dark grey after mixing
Packing: 380 ml cartridge for applicator gun designed for two-component product

PACKING

12 months in its original packaging, unopened, stored in a cool, dry place, at a temperature between 5 °C and 25 °C

SUPPORTS

Type: All common porous construction substrates, not good adhesion on smooth and non-porous materials.
Condition: clean, dry, dust-free and grease-free Pre-treatment: No prior treatment of the support is necessary. A screen will have to be used in hollow materials.

APPLICATIONS

Standard fastener anchoring in solid and hollow building materials. Anchorage without stress near edges. Can be used as a repair coating on concrete.

SAFETY RECOMMENDATIONS

Abide by the usual work hygiene.
Use only in well-ventilated rooms.
See packaging for more info.

Application parameters and loads:

Rod diameter	d	mm	M8	M10	M12	M16	M20
Hole diameter	d _B	mm	10	12	14	18	24
Hole depth	h	mm	80	90	110	125	170
Min. anchoring distance in relation to the outer surface	C _{min}	mm	40	50	60	70	90
Min. distance between anchors	S _{min}	mm	80	90	110	125	170
Tightening moment	T	Nm	10	20	40	60	120
Tensile load (concrete)	N _{Rd}	kN	6.3	9.6	13.5	15.1	25.4
Shear load (concrete - steel 5.8)	V _{Rd}	kN	7.9	12.6	18.3	34.6	54

APPLICATION

Method: with applicator gun for two-component product
 Application temperature: 5 °C to 35 °C
 Cleaning: Before hardening: remove superfluous product with a cloth and then clean with white spirit or acetone.
 After hardening: we recommend allowing the product to harden, so that it can be removed more easily with a chisel and hammer.
 Can be repaired: with the same product

REMARKS

Risk of staining porous surfaces such as natural stone. We recommend a preliminary test on such surfaces.

WORK METHOD

- Drill the hole according to the specifications (depth, diameter)
 - Clean the hole with a bottle brush.
- Then blow.
- Screw the mixing end piece onto the cartridge.
 - Extrude the first 10 cm on a piece of cardboard, until the mixture is homogeneous (even dark grey colour)
 - Solid brick: Fill the bottom borehole by slowly removing the static mixer.
- Hollow brick: Insert the screen and fill the bottom by slowly removing the static mixer, so that the product is pressed through the screen holes.
- Insert the anchor by a left to right rotational movement
 - Check if the borehole is properly filled
 - Comply with the opening and hardening times. Do not move the anchor during the hardening period
 - Allow the superfluous product to harden. Easily removed after hardening using hammer and chisel
 - Fasten the object