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## Revinex<sup>®</sup> Flex 2006

### Two-component cementitious waterproofing system

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#### Fields of application

- Surfaces under tiles in swimming pools, balconies, rooms, bathrooms, kitchens
- Shafts, water tanks (also potable water), zardinieres, silos
- Underground surfaces of buildings, interior or exterior
- Tunnels and motorway bridges

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#### Properties

- Offers high elasticity, impermeability and protection to every vertical or horizontal construction surface, that is subjected to vibrations, contractions – expansions or chemical substances
- Remarkable adhesion on numerous substrates, like concrete, cement slurries, bricks, metals, gypsum boards, polysterene, mosaic and ceramic
- Certified for application at tanks with potable water
- Prevents metallic reinforcements corrosion, while enhances adhesion of cement on to the reinforcement
- Resistant at low temperatures and snow/frost melting
- Water vapor-permeable, protects from concrete carbonization
- Resistant to positive and negative hydrostatic pressure
- Economic and easy to apply, even from un-trained personnel
- Bridges cracks, pores and thin joints
- Protects from underground radon and chloride migration
- Environmentally friendly
- Certified with CE (EN 1504-2)

## Revinex<sup>®</sup> Flex 2006

### Technical Characteristics

Surpasses the requirements of EU Norm EN 934-3, table 3

Density (EN ISO 2811-1: 12011)	1,036g/cm <sup>3</sup>
Compressive strength (EN 1015-11/99)	14,0Mpa
Flexural strength (EN 1015-11/99)	4,1Mpa
Resistance to penetration (EN 1015-09)	18,43N/mm <sup>2</sup>
Tensile strength (28 days DIN 53504*)	9,61N/mm <sup>2</sup>
* with fiberglass Gavazzi <sup>®</sup> 0059-A	
Elongation at break (28 days DIN 53504)	16,8%
Test on constant pressure water 5bar (28 days)	No leakage
Water permeability (EN 1062-3:2008)	0,0000kg/(m <sup>2</sup> xh <sup>0,5</sup> )
Adhesion strength (EN 1542)	1,44N/mm <sup>2</sup>
Absorption coefficient (24 hours) (EN 1062-3:2008)	0,00 kg/m <sup>2</sup>
Water vapor permeability $\Lambda$ (EN 7783-1:1999)	0,001g/cm <sup>2</sup> d <sup>-1</sup>
Water vapor resistance coefficient $\mu$ (EN 7783-1:1999)	435,5
Coefficient Sd (EN 7783-1:1999)	2,26m
Permeability CO <sub>2</sub> (EN 1062-6:2002 Method A)	0,5g/(m <sup>2</sup> d)
Resistance coefficient $\mu$ (EN 1062-6:2002 Method A)	10923
Coefficient Sd (EN 1062-6:2002 Method A)	56,80m
Mixing ratio (by weight)	70%A-30%B or 2,4:1
Color	Grey
Indicative consumption	2-2,5kg/m <sup>2</sup> for two layers

The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX<sup>®</sup> SA .It is offered as a service to designers and contractors in order to help them find potential solutions. However, as a supplier, NEOTEX<sup>®</sup> SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.

## Revinex<sup>®</sup> Flex 2006

Pot life (+25°C)	30 minutes
Application temperature	From +5°C to +35°C
Drying time of each layer	8 - 10 hours

These times are prolonged by low temperatures and moisture, while shortened by higher ones.

<b>Instructions for use</b>	<p>Surface preparation:</p> <p>Surfaces must be dry, clean from dust, dirt, greasy substances and homogeneous. Cavities or other imperfections must be repaired with <b>Neorep<sup>®</sup></b> and <b>Revinex<sup>®</sup></b>.</p> <p>Non-porous surfaces must be dry, while porous should be wet (until saturation), or even better be primed with a mixture of <b>Revinex<sup>®</sup></b> + water (ratio 1:1), removing the excess water before application.</p> <p>Mixture preparation:</p> <p>Gradually add the A component (solid) to the B (liquid) and mix with a low-rev stirrer (to avoid air entrapment) until it is homogeneous. Do not add water or other inert materials. If the partial application of the mixture is necessary, follow the mixing ratio of 70%A and 30% B.</p> <p>Application:</p> <p>Apply the mixture without delay by brush, roller, spatula, preferably in 2 layers of 1 to 1,5mm thickness each. For thicker coatings and resistance to tearing, (e.g. at upstands, cracks) use fiberglass mesh <b>Gavazzi<sup>®</sup> 0059-A</b>, between the 2 coatings, while the 1st is still wet.</p>
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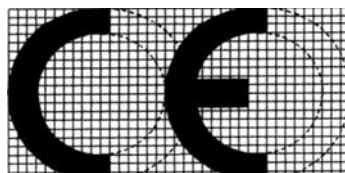
<b>Notes</b>	<ul style="list-style-type: none"><li>• Never apply when rain is forecasted</li><li>• Allow <b>Revinex<sup>®</sup> Flex 2006</b> to dry between 5 and 8 days, before applying tiles or other coatings</li><li>• For probable creation of joints at large areas and in certain cases, please refer to the Technical Department of NEOTEX</li><li>• While applying on vertical surfaces, the ratio of 3:1 (75%A:25%B) can be used</li></ul>
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<b>Packing</b>	Sets of 34kg and 17kg.
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<b>Cleaning of tools</b>	Immediately after application with a lot of water, because <b>Revinex<sup>®</sup> Flex 2006</b> has very high adhesion and therefore is difficult to remove when dry. Semi-dry material can be removed with white spirit or <b>Neotex<sup>®</sup> 1111</b> and iron mesh. If dry, it can be removed only by mechanical means.
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<b>Storage stability</b>	2 years, sealed in its original packing, protected from frost and direct exposure to sun, between +5°C and +35°C.
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## Revinex<sup>®</sup> Flex 2006



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1922-CPR-0386  
DoP No. Revinex Flex 2006 /4950-02

EN 1504-2

Revinex Flex 2006

Surface protection system for concrete

Coating

Water vapour permeability	:	Class I
Capillary absorption and permeability to water	:	$W < 0,1 \text{ kg/m}^2 \text{ h}^{0,5}$
Adhesion strength	:	$\geq 0,8 \text{ N/mm}^2$
Permeability to CO <sub>2</sub>	:	$s_D > 50 \text{ m}$
Reaction to fire	:	Euroclass F
Dangerous substances	:	comply with 5.3