

COMPOSITION	AHEAD BLOCKCOAT PUTTY E consists of 2 components on the basis of low-viscous, solvent-free epoxy resins, which must be mixed into a perfectly homogeneous mass.																		
APPLICATION	Non-shrinking putty for the leveling of concrete, the filling in of casting holes, gravel nests, etc. in concrete. Also eminently suitable for steel and wooden foundations. AHEAD BLOCKCOAT PUTTY E is also used for the glueing of concrete, steel and wood.																		
PROPERTIES	After complete curing, AHEAD BLOCKCOAT PUTTY E is resistant to the most frequent chemicals and solvents. Excellent permanent adhesion to steel, concrete and wooden foundations, provided these foundations meet the requirements mentioned under 'pre-treatment'.																		
MECHANICAL CHARACTERISTICS	<table border="0" style="width: 100%;"> <tr> <td style="padding-right: 20px;">Specific gravity</td> <td>: 1,1 kg/dm³</td> </tr> <tr> <td>Bending tensile strength</td> <td>: approx. 35 MPa</td> </tr> <tr> <td>Pressure strength</td> <td>: approx. 80 MPa</td> </tr> <tr> <td>E-module</td> <td>: approx. 8000 MPa</td> </tr> <tr> <td>Resistance to shock</td> <td>: very good</td> </tr> <tr> <td>Resistance to impact</td> <td>: very good</td> </tr> <tr> <td>Shrinkage</td> <td>: none</td> </tr> <tr> <td>Hardness</td> <td>: 82 Shore D</td> </tr> <tr> <td>Lineair coeff. of Expansion</td> <td>: 91*10⁻⁶K⁻¹</td> </tr> </table>	Specific gravity	: 1,1 kg/dm ³	Bending tensile strength	: approx. 35 MPa	Pressure strength	: approx. 80 MPa	E-module	: approx. 8000 MPa	Resistance to shock	: very good	Resistance to impact	: very good	Shrinkage	: none	Hardness	: 82 Shore D	Lineair coeff. of Expansion	: 91*10 ⁻⁶ K ⁻¹
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ADHESION	AHEAD BLOCKCOAT PUTTY E adheres excellently to cement-bound substrate. These substrates must be clean, dry and at least 28 days old. Steel substrates must be de-rusted according to Normalization Sheet SA 2,5. For further information see 'substrate' and 'pre-treatment'.																		
OUTWARD APPEARANCE	AHEAD BLOCKCOAT PUTTY E is supplied in the standard colours of our colour-card.																		
THICKNESS OF LAYER	The minimum layer thickness in which AHEAD BLOCKCOAT PUTTY E can be applied, is approx. 200 micron. It is possible to apply AHEAD BLOCKCOAT PUTTY E in one single layer, up to a maximum of 1 cm.																		
MIXING RATIO	66 parts by weight of component A, 33 parts by weight of component B.																		
MIXING PROCEDURE	To avoid errors, the two components of AHEAD BLOCKCOAT PUTTY E have contrasting colours. This makes a check on the mixture possible. After mixing, the mixture must have a homogeneous colour.																		

Mixing may be done mechanically (e.g. mixing top) or by hand. It is recommended first to stir component A thoroughly before adding component B. Mix thoroughly. Then put the mixture in a clean drum and mix again. A thorough mixing is necessary.

POTLIFE	As a mixture: at 10°C approx. 30 minutes, at 20°C approx. 20 minutes, at 30°C approx. 15 minutes.
WORKING UP	At temperatures of 10 to 30°C AHEAD BLOCKCOAT PUTTY E can easily be worked up with the aid of a stopping knife, trowel or scoop.
CURING	AHEAD BLOCKCOAT PUTTY E cures in any layer thickness. At a temperature of 10°C the curing time is approx. 48 hours, at 20°C 24 hours.
SUBSTRATES	<p>Concrete/sand-cement mortar substrates. This substrate must be clean, perfectly dry and free from grease and it must be at least 28 days old. No after-treatment with cement powder must be given and there must be no layer of cement-glue. Sand-cement finishing layers must adhere well to the substrate.</p> <p>Steel substrate Steel substrate must be fully de-rusted and the rolling skin must be removed. This can often only be achieved by blasting (Normalization sheet SA 2,5). Within 4 hours after blasting, apply the PRIMER E/M with a thickness of maximum 125 µ. After a curing period of at least 8 hours and maximum 7 days, the steel surface is to be finished.</p>
SUBSTRATE PREPARATION	<p>Dust, dirt, moulds and loose concrete parts must be removed thoroughly, in order to obtain a clean adhesion surface. Cementbound and wooden substrates must be pre-treated with AHEAD OMEGA SEALER. Steel, after being derusted, preferably by blasting, according to Normalization sheet SA 2,5, a layer of PRIMER E/M should be applied.</p> <p>Other substrates Please ask for advise.</p>
PRECAUTIONS	To prevent the skin from getting irritated it is recommended to use protective hand creams and/or gloves. During the working up, take care of a proper ventilation.
TOOLS	Tools and so on to be cleaned with the aid of a detergent before curing takes place.

- PACKAGE** AHEAD BLOCKCOAT PUTTY E is delivered in sets A/B component of 1, 5, 10 or 25 kg.
- STORAGE** It is recommendable to store AHEAD BLOCKCOAT PUTTY E dry and in closed pails at a temperature of preferably 10°C.