

K - U - LEUVEN

LABORATORIUM REYNTJENS

RESEARCH AND DEVELOPMENT

ADHERENCE OF A  
CARBONATATION-  
RESISTANT  
CONCRETEPAINT

de Croylaan 2  
B-3001 Heverlee

U/REF.: RK/lb  
O/REF.: CL/KL/R/27430B/93  
Ontvangstdatum materialen :  
Ontvangstdatum proefaanvraag :

3001 HEVERLEE, 1993-5-8  
P.V. : R/27430B/93  
Pag. : 1/3

HECHTPROEVEN OP CARBONATATIEREMMENDE BETONVERF

Op aanvraag van : De heer Rudy Keppens  
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Voor rekening van :

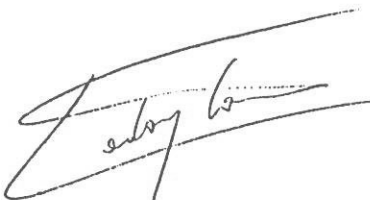
Werk :

Bestek :

Aannemer :

Materialen : 2 monsters:  
- Indupact, acrylaatprimer  
- Inducryl gevel, elastische acrylaatcoating

Proeven : Uitgevoerd volgens uw proefaanvraag



Ir. Caroline Ladang



Prof.dr.ir. Dionys Van Gemert

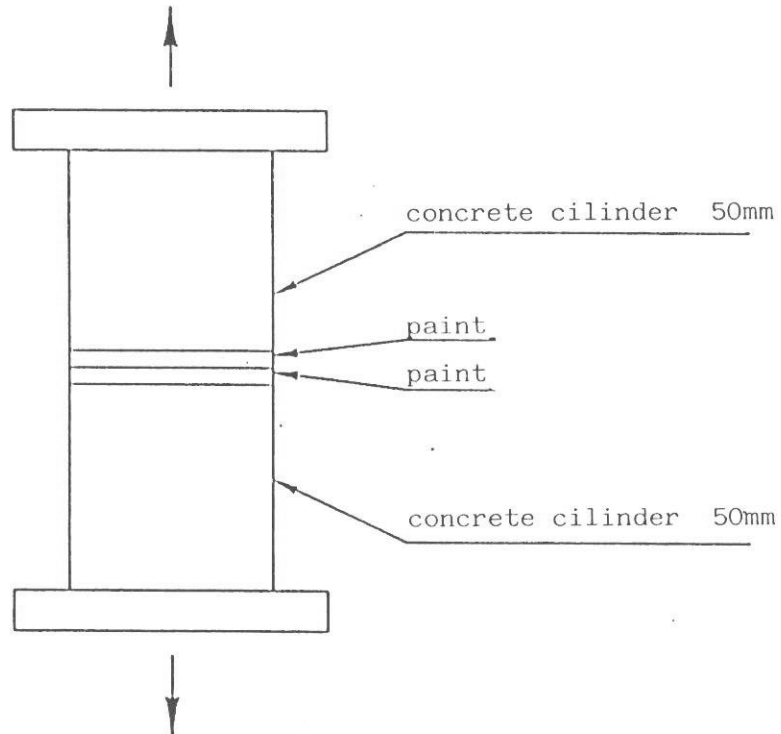


Fig.1: Realisation of the testsamples

After the application of the second layer, the concrete cylinders have been stucked together through the paint.  
After drying of the paint the tensile strenght was applied at a speed of 1 mm extention/minute.  
The results are noted in tabel 1.

Sample nr.	Diameter mm	Tensile strenght N/mm <sup>2</sup>	Position break
1	49,20	1,21	75 %adherance 25 % paint surface
2	49,30	1,10	95 %adherance 5 % paint surface
3	49,27	1,36	100 %adherance surface
4	49,23	1,29	100 %adherance surface
Average value		1,24	

Tabel 1: Results of adherance (NBN T22-121)

ADHERENCE OF A CARBONATATIONRESISTANT CONCRETEPAINT

1.Materials

By Rewah NV, on 1992.12.02, 2 samples have been handled over to laboratorium Reyntjens.

It concerns the following products:

- Indupact, acrylic primer
- Inducryl facade, elastic acrylic coating

2.Test

There have been asked to determine the adherence of the paint to a concrete surface.

3.Testcriteria

The test was realised corresponding to the norm NBN T22-121 (ISO 4624-1978)  
The test was realised following the method described in par.7.3.3 of this norm.

The realisation of the samples is shown in fig.1.

4 samples have been tested.

The sample as shown in fig.1 is realised as follows:

1 layer Indupact	150 g/m <sup>2</sup>
1 layer Inducryl facade	375 g/m <sup>2</sup>
1 layer Inducryl facade	375 g/m <sup>2</sup>