



THE NETHERLANDS



EEC TYPE-APPROVAL CERTIFICATE

Communication concerning the:

- type-approval
- ~~extension of type-approval~~
- ~~refusal of type-approval~~
- ~~withdrawal of type-approval~~

of a type of a component (towbar) with regard to Directive (94/20/EEC)

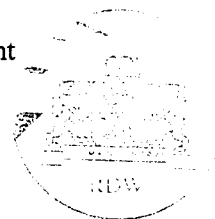
Type-approval number: e4*94/20*1159*00

Reason for extension:

SECTION I

- | | | |
|--------|--|---|
| 0.1 | Make (trade name of manufacturer) | : Bosal |
| 0.2. | Type and general commercial description(s) | : 024411 |
| 0.3. | Means of identification of type marked on the component | : Approval number |
| 0.3.1. | Location of the marking | : on type plate |
| 0.5. | Name and address of manufacturer | : Bosal
postbus 168
4920 AD Made Nederland |
| 0.7. | In the case of components and separate technical units, location and method of affixing of the EEC approval mark | : on type plate |
| 0.8. | Name(s) and address(es) of assembly plants | : See information document
(annex III, item 0.8) |

wp5169c.r00/1:3/e



SECTION II

1. Additional information
(where applicable) : see Appendix I

2. Technical service responsible for
carrying out the tests : RDW
Testbaan|Centrum
Talingweg 76
8218 NX Lelystad

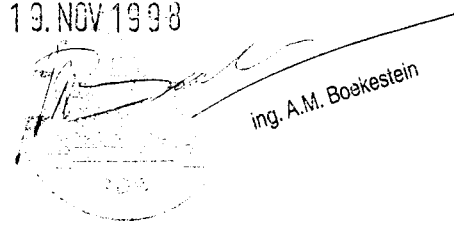
3. Date of testreport : 05-11-1998

4. Number of testreport : RDW-94/20-0119

5. Remarks (if any) : see Appendix I

6. Place : Zoetermeer

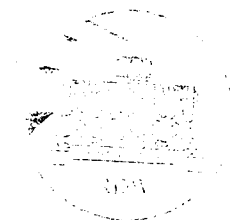
7. Date : 19. NOV 1998

8. Signature : 
ing. A.M. Boekestein

9. The index to the information package lodged with the competent authority
that has granted type-approval, which may be obtained on request, is attached.
 - Application form relating to annex III and annexed drawings
 - Drawings and instructions for attachment
 - Fitting instructions
 - Test report as mentioned in item 4.

Appendix I
to EEC type-approval certificate No : e4*94/20*1159*00
concerning the components type-approval of mechanical coupling devices with regard to
Directive 94/20/EEC

1. Additional information
- 1.1. Class of the type of coupling : A50-X
- 1.2. Categories or types of vehicles for which the device is designed or restricted : see fitting instructions
- 1.3. Maximum D-value : 6,70 kN
- 1.4. Maximum vertical load S at the coupling point : 50 kg
- 1.5. Maximum load U at the fifth wheel coupling point : ----- ton
- 1.6. Maximum V-value : ----- kN
- 1.7. Instructions for attachment of the coupling type to the vehicle and photographs or drawings of the fitting points at the vehicle given by the manufacturer; additional information if the use of the coupling type is restricted to special types of vehicles : see fitting instructions
- 1.8. Information on the fitting of special towing brackets or mounting plates : see fitting instructions
5. Remarks : The installation of the coupling device to the vehicle must be checked according to requirements of Annex VII, see Annex I, par.5.10.



ANNEX III

Information form nr. 0119

Concerning EEG type-approval as a part of mechanical coupling device for motor vehicles and the trailer there from (94/20/EEG)

GENERAL DATA

- 0.1 Make : Bosal
- 0.2 Type and trade name : 024411
- 0.5 Name and address of manufacturer : Bosal
postbus 168
4920 AD Made Nederland
- 0.7 In case of parts and technical units, place and way of placement of the EEG approval mark : Type shield
- 0.8 Address(s) of the assembly plants :
- | | | | |
|------------------------|-----------------------------|--------------------------------------|------------------------------|
| Bosal/TOBO b.v. | Le Rapide | Bosal Afrika | Bosal industries Ltd |
| Tweede industrieweg 6 | Rue de Reims | Luipaardsvlei 1743 R.S.A. | Tredegar |
| 4921 XH Made Nederland | F-51490 Beine Nauroy France | Krugersdorp 1739 R.S.A. South Africa | Gwent NP2 3XY United Kingdom |

CONNECTION BETWEEN PULLER AND TRAILER OR SEMI-TRAILER

- 1.1 Execution technical perscription with drawings and material specifications of the type mechanical coupling device : 024411
- 1.2 Classe and type of the coupling device(s) : A50-X
- 1.3 Maximum D-value : 6,70kN
- 1.4 Verticale maximum load S on the coupling point : 50 kg
- 1.5 Maximum load U at the trailer coupling : --- ton
- 1.6 Maximum V-value : --- kN
- 1.7 The by the manufacturers given instructions for the fitting of the coupling of the vehicle and the photo's of drawings of the fitting points on the vehicle; replenish data when the type coupling only will be used for special vehicle-types : For fitting instructions see e13 00-0193
- 1.8 Data about the mounting of special towbars of mounting plates

date, 05-11-1998

e4 * 94 / 20 * 1159 * 00

