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Mr M Dicks
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DEPARTMENT FOR TRANSPORT

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OUR REF: RED 13/20/41
YOUR REF:

31 October 2005

Dear Mr Dicks

TYPE APPROVAL OF ASTUCIA ECOSTUD

I am pleased to inform you that for the purposes of direction 57 of the Traffic Signs Regulations and General Directions 2002, the Secretary of State has approved the above stud.

The approval is granted on the strict understanding that the manufacturer/supplier's fixing instructions will always be fully implemented, and that no material or design change will be made to the stud without further approval being sought and obtained from the Department.

This stud was trialed under the DfT reference RED 13/20/41/168 and manufacturer's drawing reference NPD 000029 issue 0. The active light source continued to perform satisfactorily throughout the twelve month trial period.

This approval permits the Astucia Ecostud incorporating reflectors and light sources coloured white, red, amber or green to be used on any public road in England. Notification of the Secretary of State's decision has been passed to the National Assembly for Wales, the Scottish Executive and the Department of Regional Development Northern Ireland. Approval for use on roads in those countries should be sought from the appropriate administration.

Yours sincerely

B W LYUS

Traffic Management Division

ROAD TRAFFIC REGULATION ACT 1984 - SECTIONS 64 AND 65

The Secretary of State for Transport, in exercise of his powers under Sections 64 and 65 of the Road Traffic Regulation Act 1984 and of all other enabling powers, and having regard to direction 59 in the Traffic Signs General Directions 2002 (SI 2002 No.3113):

- (i) hereby directs that for the purposes of this approval the provisions of direction 58(2) and item 10 in the table in direction 57(5) in those Directions shall be dispensed with and
- (ii) under direction 58 in those Directions as modified by the above special direction approves the road stud specified below for the purposes of direction 57(2), for use in conjunction with the road markings shown in diagrams 1004 to 1008.1, 1010, 1012.1 to 1013.4, 1025.3, 1025.4, 1035 and 1040 to 1042.1 in Schedule 6 of the Traffic Signs Regulations 2002 (SI 2002 No.3113).

SPECIFICATION

Product identification	Astucia Ecostud
Description	Retroreflective road stud with a LED incorporated into the reflector
LED manufacturer's identification numbers	White – NSPW511A (rank C) Red – TLRE181PA Amber – TLYE158PA Green – NSPE511A
LED to comply with the colorimetric requirements of	White – BS 1376 Class C Red – BS EN1463-1 Amber – BS EN 1463-1 Green – BS 1376 Class C
LED flash rate	100 Hz minimum
Categories of road	All roads
Adhesive	Triflex Cryl R238
To be of the size and type shown on the drawing marked with the Department's number	RED 13/20/41/168

Dated: 31 October 2005

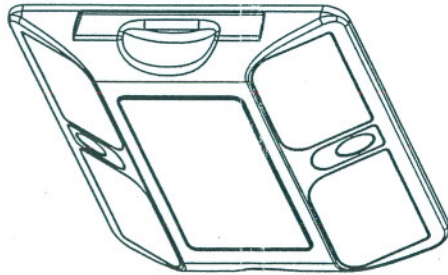
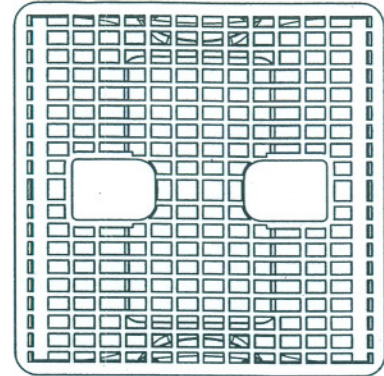
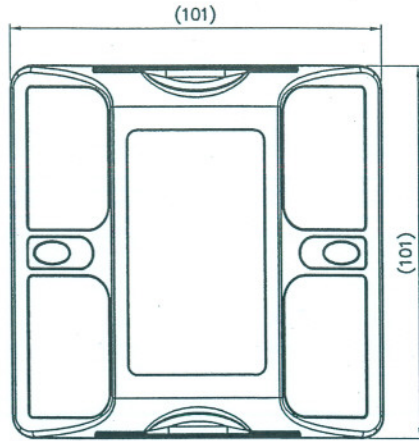
Signed by authority of the Secretary of State

B.W. Lyons

.....
A Grade 7 Official of the Department for Transport

3rd ANGLE PROJECTION

RE JOC.



Department for Transport
 Date 31 Oct 2005
 No. RED 15/20/41/168

ISSUE	DATE	CRF No.	ISSUE	DATE	CRF No.	ISSUE	DATE	CRF No.
						0	17-MAY-08	N/A

MODIFICATION RECORDS

DES. APP. <i>[Signature]</i>	MATERIAL N/A
CHECKED <i>[Signature]</i>	FINISH N/A
DRAWN L DOUG	TOLERANCES UNLESS OTHERWISE STATED DRAWING TO BS 8888

DIMS IN mm	FIRST USED ON ASY000009
SCALE 1:1	LINEAR ± 0.2 ANGULAR ± 1

ASTUCIA
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DRAWING No. NPD000029	ISSUE 0
TITLE ECO STUD BI-DIRECTION OUTLINE DRAWING	
SHEET No No OF SHEETS	1 1
SHT SIZE A2 594x420	