

ROAD DESIGN NOTE

Accepted retro-reflective sheeting materials

Purpose

This road design note provides a list of VicRoads accepted retro-reflective sheeting materials and contact details for suppliers.

All retro-reflective road signs used on the declared road network shall comprise of a sheeting material specified in this note. Material selection shall be in accordance with relevant specifications, drawings or other agreements

Note 1

Retro-reflective sheeting materials shall conform to all of the relevant requirements of AS/NZS 1906.1 for the class and colour of the sheeting specified.

Note 2

Products marked with a * have been interim accepted. Full acceptance is pending the weathering test results meeting the requirements of AS/NZS 1906.1.

Note 3

For details of sheeting materials, refer to specifications from the relevant sign sheeting supplier.

References

VicRoads Standard Section 860 – Manufacture of Road Signs.

Traffic Engineering Manual Volume 2, Chapter 4 – Design, reflectorisation and numbering of signs.

Australian Standard AS/NZS 1906.1 – Retroreflective materials and devices for road traffic control purposes – Retroreflective sheeting.

Approved by



Daniel Cassar

Manager – Road Standards & Traffic

For further information or product submission please contact:

VicRoads Policy and Programs
60 Denmark Street, Kew Vic 3101

T: (03) 9854 2341

E: thuan.nguyen@roads.vic.gov.au

Road Design Notes are subject to periodic review and may be superseded

Accepted Product Suppliers

3M AUSTRALIA PTY LTD Pymble, NSW T (02) 9265 4383 E jmdonnell@mmm.com W solutions.3m.com.au	ASP GROUP PTY LTD Darra, QLD T (07) 3259 6555 E bris.sales@asp-group.com.au W asp-group.com.au	AVERY DENNISON PTY LTD Tottenham, VIC T (02) 8014 8863 E james.williams@ap.averydennison.com W reflectives.averydennison.com
ORAFOL AUSTRALIA PTY LTD Darra, QLD T (07) 3376 6511 E austsales@orafol.com W orafol.com	SAKAI AUSTRALIA PTY LTD Penrith, NSW T (02) 4721 8011 E wayne@sakai.com.au W sakai.com.au	

Accepted Retro-Reflective Sheeting Materials

Colour	Class	3M Australia	ASP Group	Avery Dennison	Orafol Australia	Sakai Australia
White	1W	Scotchlite 4090	Nikkalite 95802	OmniCube T11500* OmniCube T6500	Oralite 5910-010*	Kiwalite 55013
	1	Scotchlite 3930	Nikkalite 812	OmniCube T6500	Oralite 5910-010*	Kiwalite 55013
	1(WZ)	Scotchlite 3930 HIP 3831*	Nikkalite 812	OmniCube T6500	Oralite 5960-010 Oralite 5930-010 Oralite 5810-F010	Kiwalite 55013
	2	Scotchlite 3290	Nikkalite 8112	OmniCube T1500	-	-
Yellow	1W	Scotchlite 4091	Nikkalite 95804 Overlay PA104	OmniCube T11501* OmniCube T6501	Oralite 5910-020* Oralite 5061-020 on 5910-010*	Kiwalite 55043 Overlay AF204 on 55013
	1	Scotchlite 3931	Nikkalite 804	OmniCube T6501	Oralite 5910-020* Oralite 5061-020 on 5910-010*	Kiwalite 55043 Overlay AF204 on 55013
	1(WZ)	Scotchlite 3931 HIP 3831*	Nikkalite 804	OmniCube T6501	Oralite 5960-020 Oralite 5910-020* Oralite 5810-F020	Kiwalite 55043 Overlay AF204 on 55013
	2	Scotchlite 3271	Nikkalite 8104	OmniCube T1501	-	-
Red	1W	Scotchlite 4092	Nikkalite 95805 Overlay PA105	OmniCube T11508* OmniCube T6508	Oralite 5910-030* Oralite 5061-030 on 5910-010*	Kiwalite 55063 Kiwacal AF206 on 55013
	1	Scotchlite 3932	Nikkalite 805	OmniCube T6508	Oralite 5910-030* Oralite 5061-030 on 5910-010*	Kiwalite 55063 Kiwacal AF206 on 55013
	1(WZ)	Scotchlite 3932	Nikkalite 805	OmniCube T6508	Oralite 5810-F030	Kiwalite 55063 Kiwacal AF206 on 55013
	2	Scotchlite 3272	Nikkalite 8105	-	-	-
Standard Green	1W	Overlay ECF1176 on Scotchlite 4090	Overlay PA128 on Nikkalite 95802	Overlay OL-2027 on OmniCube T11500* or T6500	Oralite 5061-625 on 5910-010*	Overlay AF217 or FF117 on 55013
	1	Overlay ECF1176 on Scotchlite 3930	Nikkalite 828	Overlay OL-2027 on OmniCube T6500	Oralite 5061-625 on 5910-010*	Overlay AF217 or FF117 on 55013
	1(WZ)	-	-	-	-	-
	2	-	Nikkalite 8128	-	-	-
Blue	1W	Scotchlite 4095	Nikkalite 95806 Overlay PA106	OmniCube T11505* OmniCube T6505	-	-
	1	Scotchlite 3935	Nikkalite 806	OmniCube T6505	Oralite 5910-050* Oralite 5061-050 on 5910-010*	Kiwalite 55083 Overlay AF208 on 55013
	1(WZ)	-	-	-	Oralite 5810-F050	-
	2	Scotchlite 3275	Nikkalite 8106	-	-	-
Brown	1W	Overlay ECF1179 on Scotchlite 4090	Overlay PA109 on Nikkalite 95802	Overlay OL-2009 on OmniCube T11500* or T6500	Oralite 5910-080* Oralite 5061-080 on 5910-010*	Overlay AF219 on 55013
	1	Overlay ECF1179 on Scotchlite 3930	Nikkalite 809	Overlay OL-2009 on OmniCube T6500	Oralite 5910-080* Oralite 5061-080 on 5910-010*	Overlay AF219 on 55013
	1(WZ)	-	-	-	-	-
	2	-	Nikkalite 8109	-	-	-
Fluorescent Yellow-Green	1W	Scotchlite 4083	-	OmniCube T11513*	Oralite 6910-029*	Kiwalite 55033*
	1	Scotchlite 4083	-	OmniCube T7513	Oralite 6910-029*	Kiwalite 55033*
	1(WZ)	-	-	-	Oralite 5930-029	-
Fluorescent Yellow	1W	Scotchlite 4081	-	OmniCube T11511*	-	-
	1	Scotchlite 4081	-	OmniCube T7511	Oralite 6910-037*	-
	1(WZ)	Scotchlite 3831	-	-	Oralite 5930-037	-
Fluorescent Orange	1W	Scotchlite 4084	Nikkalite 95847	OmniCube T11514*	-	-
	1	Scotchlite 4084	-	OmniCube T7514	Oralite 5910-035* Oralite 5061-035 on 5910-010*	-
	1(WZ)	Scotchlite 3824	-	-	Oralite 5960-038 Oralite 5930-038	Kiwalite 55153*