

Dimond Structural Systems Manual Summary of August 2007 Update

Section	Information Change
2.0	Updated to exclude the application of Dimond Purlin Systems literature to similar products from other manufacturers.
2.2.4	Introduction to Quick Reference Guide updated. Nominal sheet weights added. Windek/Metric profiles separated out. Pacific and Sahara cladding profiles added. Notes at bottom of table updated.
2.3	Heading updated
2.3.2	<i>Maximum Wall Height</i> table for Dimond bracing systems carrying tension loads - Wall heights revised downwards for Fastbrace bracing for purlins 1.15mm, 1.25mm and 1.45mm Base metal thickness. $\phi_b M_{bdx}$ values revised - lowered by approximately 6 percent in the table for ' <i>Distortional Buckling Stresses and Design Capacities in Compression, Bending and Shear</i> '.
2.3.4	Table layout Revised. Radius of gyration properties r_x and r_y added. Effective section properties $A_{e(fy)}$, I_{ex} , $I_{ey(+ve)}$, $I_{ey(-ve)}$, Z_{ex} , $Z_{ey(+ve)}$, $Z_{ey(-ve)}$ added.
2.3.6	Note to Lapped span sketch updated. Note to tables at bottom removed.
2.3.11.3	Formula for equation 2 at bottom of page revised.
2.3.12.1	Optimisation Service fax form updated.
2.3.15.5	Timber treatment note revised to H3.
2.3.16	Introduction to CAD details added.
2.3.16.1-15	Formatting updated. 'Not to Scale' note added to each CAD Detail.
2.3.16.3	Hole punching exclusion zones added.
2.3.16.11	' <i>Non-lined Wall to Floor Junction – Option 2</i> ' renumbered to Detail H. Detail H ' <i>DHS Lapped Span Portal Detail</i> ' removed.
2.3.16.15	Detail for ' <i>DHS Lapped Span Portal Detail</i> ' inserted and re-sequenced to Detail N. Detail heading revised.
2.4.5	Note to lapped span sketch updated.
2.4.11	Introduction to CAD details added. Formatting updated. 'Not to Scale' note added.
2.6.3	Note on lapped span sketch updated.
3.0	Updated to exclude the application of Dimond Flooring Systems literature to similar products from other manufacturers.
3.3.13.1-5	All diagrams revised and updated.
3.4.4.1	Vertical lines added to 0.75mm and 0.95mm Flatdeck table.
3.4.6	Table heading updated to read ' <i>Span of Flatdeck Slab L (mm)</i> '.
3.4.13.1-2	All diagrams revised.
3.5.3	Laying: End Cap note updated to incorporate new end cap. Concrete Placement: Notes revised.
3.5.4	Concrete Placement: Notes revised.