

# STAINFLEX

Stainflex, the soft tempered stainless steel -

- Can be bent, folded & formed with conventional shop tools
- Minimum spring back
- Is ideal as a roofing & flashing material
- Has all the other proven properties of stainless steel
- Is a great alternative to lead, copper & other metals

## SPECIFICATIONS:

### SIZES:

Available in coil or sheet up to 1200mm wide x 0.45mm thick, Stainflex may be supplied in long lengths minimizing joins or may be cut to any specified dimensions. Southern Cross will also bench or form it if required.

**TYPES:** AISI 304, with other types available on special order.

**FINISH:** Normally 2D non-reflective finish which can be painted if desired and needs no printing.

**CHEMICAL RESISTANCE:** Resistant to most atmospheric pollutants, but where unusual conditions prevail, such as nearness to acid fumes, airborne corrosive chemicals and the like, consult with Southern Cross for the specific type of Stainflex required.

**LIFE EXPECTANCY:** Life of the building

**COEFFICIENT OF THERMAL EXPANSION:** 17.3 x 10.6 per degree Celsius at 20—100 degrees C

**Applications:** Typical Stainflex applications include: Spandrels, concrete reglets, cap flashing, valley flashing, dormer flashing, chimney flashing, thru-wall flashing, mullions, vent pipe flashing, gravel stop, standing seam roofs, lock joint construction, roof edgings, batten seam shields, box gutters and downspouts.

**Using Stainflex:** Because it has a “dead” soft temper, using Stainflex does not create a battle between man & metal. It may be welded, soldered, nailed, riveted, seamed, laminated, bent or rolled by standard methods.

**Soldering:** The only requirement for soldering Stainflex stainless steel which varies from accepted sheet metal soldering practices is the necessity to use a strong acid type flux and not general purpose fluxes. All flux residue should be removed with a washing soda or ammonia solution followed by a clear water rinse.

**DRAWING NO: SC84**  
04/05



**23-27 Clapham Road**  
**Regents Park NSW 2143**

**Ph: 02 9644 2811**

**Fx: 02 9645 1114**

**Email: [southerncrossstainless@bigpond.com](mailto:southerncrossstainless@bigpond.com)**