1. What is the purpose of SafeBridge?

SafeBridge replaces spacers.

2. What is a spacer?

Spacers are usually steel brackets about 120 mm high x 1.000 mm in length that are screw fixed by a roofer to the top of the purlin for the entire meterage of the purlins. That means the roof sheets are not screwed directly to the purlin.

3. What are spacers for?

They are used to stop the insulation from being crushed by the roof sheets which is part of section J requirements of the BCA.

4. How long has this practice of spacers been used?

Since 2008

5. What does Safebridge do?

SafeBridge has lowered the bridging between the purlins to both support safety wire and insulation and therefore the roof sheets don't crush the insulation and allows the roof to be screwed back directly to the purlin.

6. How often is the bridging fitted and how far apart are the purlins?

Bridging is every 1500mm and purlin spacing is at 610. 910. 1210. 1360. mm. The 1500mm relates to the drop testing done for the safety mesh and the purlin centres are set to fit the safety wire.
7. What happens if a building is not always going to fit these purlin spacings at one end?

The wire and insulation is cut on site to suit these instances.

8. How does the bridging fit?

It’s telescopic so it can slide out and drops into a predetermined hole at each end of the purlin. It’s then screw fixed in two predrilled locations using 12 x 20 tek screws supplied by Metroll.

9. There's more bridging, so how long does it take to fit?

The best way to fit the bridging is to fit the bridging in large sections first and come back and screw off later. One man can fit up to about 1500 m2 / day.

10. What stops purlin roll?

The SafeBridge stabilizer bracket.

11. How often are SafeBridge brackets to be installed?

Generally every 3m

12. What are some completed SafeBridge projects?

Completed SafeBridge projects include: Masters hardwares, Cyclone shelters, Schools, and Shopping Centres.

13. How does the wire fit into the purlins?

SafeBridge has its own wire delivery system available for roofers to purchase called the SB wire trolley. For further information, please see the website, where an installation video is available.

14. Is the wire safe and can you slip down the side of the purlin?

The wire installed this way between the purlins limits the sideways movement of the wire. It will not deform under load at the outer extremities of the wire due to the cross strands being spot welded at each longitudinal strand giving the mesh the required strength to take the impact of 165 kg dropped from 1.4 m as required in the engineer certified drop test.

15. What is the SB Mesh Trolley?

The SB Mesh Trolley is the wire delivery system available for purchase from SafeBridge Australia.
16. How does the SB Mesh Trolley work?

Please watch the SafeBridge Presenter available on www.safebridge.com.au

The Mesh Trolley has adjustable width frame to suit purlin width in which wire mesh roll is attached to the first bridging piece and trolley is rolled along purlins by rope method to the end of the wire run and attached to the bridging piece. The Trolley is then placed in the next purlin space and rolled back and forth between workers.

17. How does the BS Sheet Trolley work?

The SB Sheet Trolley is designed to sit on the purlins (usually 1 per purlin) to carry roof sheet packs and be rolled by workers into position for fixing of sheets. They can be used to reduce crainage costs to a project.

18. What is the highest Total R-Value the SB System can achieve?

Depending on the specification size of the purlin, our modeling has shown Total R-Values of R8 being possible.

19. Is it possible to use sarking?

Yes sarking has been used for condensation control and aesthetics reasons on projects already due to climate requirements.

20. Is it possible to substitute Bradford insulation with another insulation?

No it is not possible to substitute SB Anticon insulation. This tested product is part of the SafeBridge patented system which is fully warranted according to Australian Standards.

21. What engineering reports have been completed on the SB System?

Engineering reports have been completed on intermediate bridging configuration, frequency of bridging installation, distance between purlins, purlin roll resistance, bridging rotation stabilization, suitability and load capacity, and the safety mesh and bridging fall prevention capacity.

22. When does the Thermal Achievement Document get issued?

Nearing the completion of works, in conjunction with Metroll and Bradford representatives, rigger and roofer will request an inspection. Upon approval, the document is issued for the architect, builder and trades.

23. What is the lead in time required for SB Purlins and Bridging?

Metroll and Bradford branches require a 2 week lead time.
24. Who do I contact if I have further questions?

Contact Ben 0415 833 192, Mario 0411 706 708, Richard 0418 718 320.

25. Is SB suitable for all roofs?

Generally yes, however, if there is doubt. Please contact Mario 0411 706 708.

26. Are there roofing details available?

Yes there are extensive roofing details available. Please see http://www.safebridge.com.au/home/main-downloads/

27. Is there a Work Methods Statement available?

Yes there are WMS available. Please see http://www.safebridge.com.au/home/main-downloads/

28. How do I install SB?

Please see the installation guide available at http://www.safebridge.com.au

29. How can the company I work for get listed on the SB website as a SB installer?

Please contact Ben 0415 833 192.