THE UNIQUE PERMASTORE FUSION® PRODUCTION PROCESS

FROM RAW STEEL TO FINISHED SHEET IN ONE CONTINUOUS PROCESS

1. RAW STEEL
2. PUNCHING AND CUT OUTS
3. GRIT BLASTING OF STEEL TO SA 21/2 STANDARD/SSPC-10
4. ROLLING OF PANELS
5. CHEMICAL CLEANING
6. PRE-PROTECTIVE DOUSING
7. APPLICATION OF NICKEL RICH PRE-COAT
8. DRYING OVENS
9. APPLICATION OF COBALT RICH GLASS LAYER
10. BISQUE OVEN
11. FIRED THROUGH FURNACE AT OVER 1500°F
12. APPLICATION OF DEDICATED TRIFUSION® LAYER
13. BISQUE OVEN
14. FIRED AGAIN THROUGH FURNACE AT OVER 1500°F
15. CONTINUITY TESTING - ONE OF 16 QUALITY INSPECTIONS
16. SHEETS PACKED ON INDIVIDUAL PROJECT BASIS

Stages 12, 13 and 14 are unique to TRIFUSION® and TRIFUSION® PLUS