

Ultraviolet Light: AN ULTRAVIOLET LIGHT INHIBITOR IS INTRODUCED INTO THE RAW MATERIAL MIX TO PROVIDE SUFFICIENT PROTECTION TO ENSURE REASONABLE LIFE OF THE PRODUCT IN REASONABLE WEATHER CONDITIONS.

Colors: THE STANDARD COLORS OF THE 2001SL ARE OPAQUE IVORY AND ORANGE. OTHER COLORS MAY BE INTRODUCED FROM TIME TO TIME AS REQUIRED TO COMPLY WITH STATE AND FEDERAL REGULATIONS. CUSTOM COLLORS ARE AVAILABLE FOR SPECIAL ORDERS.

Installation: THE UNITS CAN BE INTERLOCKED END TO END. WHEN INSTALLED AS A WORK ZONE SAFETY DEVICE OR ROAD CLOSURE THE UNITS MAYBE USED EMPTY, BALLASTED, OR COMPLETELY FILLED WITH WATER. WARNING FLAGS, STEADY BURNING LIGHTS OR FLASHING LIGHTS CAN BE SECURELY MOUNTED TO EACH UNIT IF CONDITIONS REQUIRE.

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BARRIER WALL STEEL REINFORCMENT KIT Specifications

 [Click here](#) to download the specification for the [Barrier Wall Steel Reinforcment Kit](#) in a Portable Document Format [pdf]

Intent: IT IS THE INTENT OF THIS SPECIFICATION TO DESCRIBE A STEEL RAIL ATTACHMENT USE TO MAKE A PORTABLE PLASTIC ENERGY DISPERSEMENT CELL MEET THE NCHRP 350 REQUIREMENTS FOR LONGITUDINAL BARRIER WALL. THE 350 RAIL ATTACHMENT IS INTENDED TO BE USED IN CONJUNCTION WITH THE YODOCK MODEL 2001 AND 2001M IN THE PREVENTION OF VEHICULAR PENETRATION OF A WORK ZONE.

Scope: THIS SPECIFICATION RECOGNIZES THE NEED FOR A 350 RAIL ATTACHMENT USED WITH A PORTABLE ENERGY DISPERSEMENT CELL TO PERFORM SOME OF THE FUNCTIONS OF CONCRETE BARRIERS USED TO CONTROL, DIRECT, CHANNEL AND STOP VEHICULAR TRAFFIC FOR PURPOSES OF AIDING IN CONTAINMENT AND/OR SAFETY.

Construction: THE 350 RAIL ATTACHMENT IS MADE OF STEEL AND WOOD. IT IS MANUFACTURED TO RESIST COOROSION AND WITHSTAND THE IMPACT OF VEHICULAR TRAFFIC. THE 350 RAIL ATTACHMENT IS MOUNTED TO THE YODOCK TRAFFIC CONTROL SYSTEM MODELS 2001 AND 2001M. IT IS COMPRISED OF TWO TUBULAR STEEL BOX BEAM RAILS, WHICH ARE BOLTED TO TWO STEEL BRACKETS WHICH ARE PLACED WITHIN THE FORK LIFT HOLES OF THE MODEL 2001 AND 2001M. THE BOX BEAM RAILS ARE BLOCKED AWAY FROM THE STEEL BRACKETS USING WOOD BLOCKS. THE RAIL SEGMENTS ARE BOLTED TO THE STEEL BRACKETS WITH GRADE 5 CARRIAGE BOLTS. ADJACENT RAILS ARE SPLICED TOGETHER USING SPLICE TUBES AND BOLTED TOGETHER USING GRADE 8 HEX HEAD BOLTS.

BOX BEAM: 1830mm, 89X89X6.4 mm

SPLICE TUBE BOLTS : 19 mm diameter x 114 mm long, grade 8 hex

STEEL BRACKETS : C10X15.3

SPLICE TUBES : 280 mm, 64X64X6.4 mm

MATERIAL: RAILS: A500 GRADE B TUBULAR STEEL

BOX BEAM FUNCTIONAL LENGTH : 1830 mm

BOX BEAM CONNECTION BOLTS : 19 mm diameter x 230 mm long, grade 5 carriage

BRACKETS: A36 CHANNEL STEEL

SPACERS: WOOD

WOOD BLOCKS : 102X102X254 mm

HEX HEAD BOLTS: GRADE 8

[Click Here to View complete Spec Drawing \[Page 2\]](#)

INSTALLATION: EACH RAIL ATTACHMENT SHALL WEIGH APPROXIMATLY 200 POUNDS. WHEN INSTALLED ON THE MODEL 2001 OR 2001M, THE RAIL ATTACHMENT SHALL BE INTERLOCKED TO FORM A CONTINOUS STRUCTURE. THE INSTALLED 2001 OR 2001M WITH 350 RAILS ATTACHMENT MUST BE TERMINATED WITH AN APPROVED METHOD SUCH AS AN ENDTREATMENT OR A TAPER. BOTH THE MODEL 2001 AND 2001M WITH RAIL ATTACHMENTS MUST BE USED IN ACCORDENANCE WITH USERS MANUAL. THE MODEL 2001 WITH RAIL ATTACHMENT HAS MET THE REQUIREMENTS OF NCHRP 350 TL-3. THE MODEL 2001M WITH RAIL ATTACHMENT HAS MET THE NCHRP 350 TL-2 REQUIREMENTS. BOTH MODELS WITH RAIL ATTACHMENTS HAVE BEEN APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION FOR USE, SEE FHWA APPROVAL LETTER B97.

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YODOCK CORNER CONNECTOR Specifications

Intent: THE INTENT OF THIS SPECIFICATION IS TO DESCRIBE THE YODOCK CORNER CONNECTOR. THE YODOCK CORNER CONNECTOR IS A RECYCLABLE COMPONENT OF THE YODOCK TRAFFIC CONTROL SYSTEM. THE YODOCK CORNER CONNECTOR IS DESIGNED SPECIFICALLY FOR USE WITH THE YODOCK TRAFFIC CONTROL SYSTEM. THE CORNER CONNECTOR PROVIDES A PIVOT POINT WHICH ALLOWS NEARLY ANY DEGREE OF ARTICULATION BETWEEN ADJACENT YODOCK UNITS. WHEN INSTALLED PROPERLY, THE CORNER CONNECTOR ALLOWS THE USER TO TRANSVERSE NEARLY ANY TERRAIN. IN ADDITION, THE YODOCK CORNER CONNECTOR PROVIDES ACCESS TO A SITE BY ACTING AS A GATING DEVICE.