

# MasterSeal® Traffic 1500 Pedestrian Traffic Deck System for Plywood

FORMERLY SONOGUARD® PEDESTRIAN TRAFFIC DECK SYSTEM FOR PLYWOOD

As stated on our products data sheets, MasterSeal Traffic 1500 may be applied over plywood decks. Technical Service recommends that the following application instructions and details (page 2) be used when applying MasterSeal to plywood decks.

The basic system will consist of MasterSeal M 200, MasterSeal TC 225 and MasterSeal 941, along with the appropriate sealants and primers as required. The plywood should be smooth-faced, APA-stamped, exterior-grade and a minimum of 15/32" (12mm) thick. The plywood and framing should meet all local codes and as a minimum meet all APA guidelines.

## INSTALLATION

### SURFACE PREPARATION

Plywood should be clean, dry and free of dirt, oil, grease and other contaminants. Deck should be properly sloped away from building walls to allow for drainage and prevent ponding water.

Seal all seams with MasterSeal NP 1 or NP 2 sealants, flush with surface of the plywood and allow to cure. Reinforce all seams between plywood sheets and between flashing and plywood deck by prestripping seams with MasterSeal M 200 and embedding MasterSeal 995 into the prestripping. Allow to cure overnight as a minimum.

Apply a cant bead of sealant at all angle changes, such as wall to deck junctures, and around any pipe or other penetrations. Allow sealant to cure a minimum of 24 hours, depending on temperature and humidity.

### PRIMING

Priming is not normally required on clean, dry plywood. If priming is required, use MasterSeal P 220 or P 222. Apply primer only to plywood, do not apply primer over sealant or existing prestripping. Allow primer to dry tack-free, but MasterSeal M 200 must be applied within the same day.

### BASECOAT APPLICATION

Make sure any previously applied sealant or prestripping is clean and dry. Brush off any loose dust, leaves etc. Lightly solvent wipe with MasterSeal 990 if necessary. Apply one coat of MasterSeal M 200 at a rate of 60 ft<sup>2</sup>/gallon, to obtain a minimum wet-mil thickness of 25 mils. Backroll for even coverage and allow to cure overnight (longer if applied in low temperature or humidity).

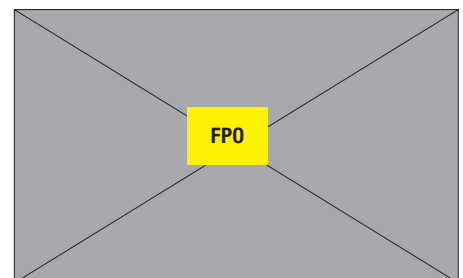
### TOPCOAT APPLICATION

For all applications, apply MasterSeal TC 225 at the rate of 60 ft<sup>2</sup>/gallon, to obtain a minimum wet-mil thickness of 25 mils. Immediately broadcast 10 – 25 lbs of MasterSeal 995 or 16 – 30 rounded silica sand and backroll. If additional wear is expected, an "aggregate to refusal" system can be used, (see MasterSeal Traffic 1500 Product Data Sheet for additional information).

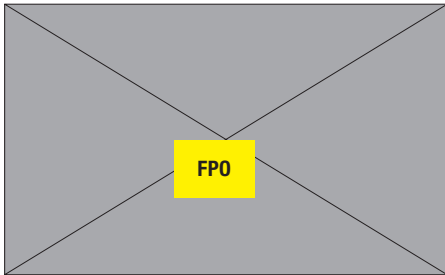
Allow the finished application a minimum of 72 hours to cure before allowing normal foot traffic.

If you have any further questions regarding this application, please contact Technical Service.

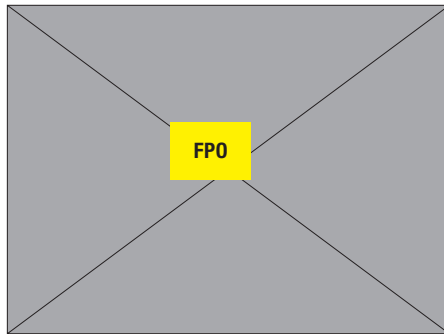
1. Butt joints must be supported by joints or block.
2. Apply Master Builders Solutions sealant and allow sealant to cure overnight.
3. Apply MasterSeal M 200 with reinforcing tape over butt joints.
4. Apply MasterSeal P 220 or P 222 (if necessary) and allow to cure as directed.
5. Apply MasterSeal M 200 per manufacturer's instructions.
6. Apply MasterSeal TC 225 per manufacturer's instructions.
7. Follow APA guidelines for plywood deck construction.



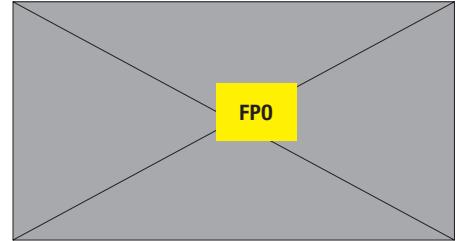
1. Butt joints must be supported by joints or block.
2. Apply MasterSeal sealant and allow sealant to cure overnight.
3. Apply MasterSeal Base Coat with reinforcing tape over butt joints.
4. Apply MasterSeal P 220 or P 222 (if necessary) and allow to cure as directed.
5. Apply MasterSeal Base Coat per manufacturer's instructions.
6. Apply MasterSeal Top Coat per manufacturer's instructions.
7. Follow APA guidelines for plywood deck construction.



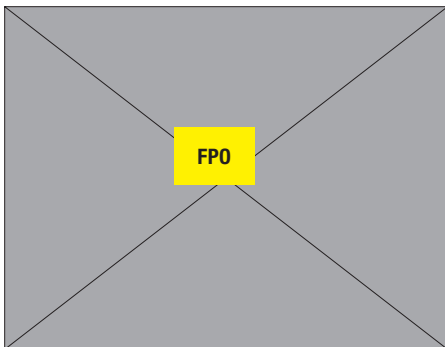
1. Apply MasterSeal sealant and tool to form a cant. Allow sealant to cure overnight.
2. Apply MasterSeal Base Coat over cant strip. Embed reinforcing fabric into the wet base coat. Allow to cure.
3. Apply MasterSeal P 220 or P 222 (if necessary) to plywood surface and allow to cure as directed.
4. MasterSeal Base Coat per Manufacturer's instructions.
5. Apply MasterSeal Top Coat(s) and aggregate per manufacturer's instruction.



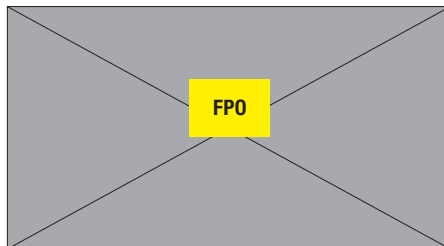
1. Clean metal to a bright finish and prime with Primer 733.
2. Apply MasterSeal Base Coat with reinforcing tape over transition from wood to metal.
3. Follow APA guidelines for plywood deck construction.



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## HEALTH , SAFETY AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting [www.master-builders-solutions.basf.us](http://www.master-builders-solutions.basf.us), e-mailing your request to [basfbcsst@basf.com](mailto:basfbcsst@basf.com) or calling 1(800) 433-9517. Use only as directed. For medical emergencies only, call ChemTrec® 1(800)424-9300.

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## LIMITED WARRANTY NOTICE

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