Custom System Enclosure Finishes

Water Resistant Finishes

		Level of Protection		
		#WR1	**#WR2**	**#WR3**
Water Resistant Construction & Assembly Details		**Moderate Weather Resistance** (Outdoors, Rarely Exposed to Direct Weather)	**Medium Weather Resistance** (Outdoors, Occasionally Exposed to Direct Weather)	**Maximum Weather Resistance** (Outdoors, Continually Exposed to Direct Weather)
Enclosure Details	Enclosure Finish: Epoxy Paint or Truck-Bed-Liner (Rhino)	Epoxy	Rhino	Rhino
	Construct Enclosure Out of Plywood Appropriate for the Application	X	X	X
	Apply Finish to Cover All Exposed External Surfaces Including Input, Handle, Hatch & Rigging Cutouts & Edges	X	X	X
	Apply Finish to Cover Visible Internal Surfaces Visible Through Ports	X	X	X
	Apply Finish to Cover All Internal Surfaces as Much as Possible	X	X	X
	Enlarge Input Panel Cutout to Accommodate Finish Thickness		X	X
	Enlarge Handle Cutout to Accommodate Finish Thickness		X	X
	Shrink Removable Wood Hatches to Accommodate Finish Thickness		X	X
	Remove Handles (for permanent install boxes)	X	X	X
	Drill Weep Holes (as necessary)	X	X	X
Assembly Details	Use Closed-Cell Foam Tape (#28347, #28348, #28351) to Seal Around Input Panels, Handles, Hatches, Horns & Woofers	X	X	X
	Use Black GE #312 RTV Sealant (#25400083) to Seal All Gaps Around Input Panels, Handles & Rigging Hardware		X	X
	Use Black GE #312 RTV Sealant (#25400083) to Seal All Gaps Around Removable Hatches & Grille			X
	Use Stainless-Steel Hardware Everywhere Possible for Exposed Metal (Except Not for Grade 8 Steel Screws)	X	X	X
	Coat All Exposed Non-Stainless-Steel Hardware with Humiseal (#97352) After Assembly	X	X	X
	Apply Water-Resistant Treatment to All Exposed Woofer Cones (#11648) Create new BOM with waterproofing. (e.g., 812-W-3283 is a 812-3283 with 11648 waterproofing)			X
	Create Custom Input-Panel Cover for Grommets or Glands and Seal with Foam Tape (#28347)			X
Grille Details	Use Stainless-Steel Grille Screen with Powder Coat Paint	X	X	X
	Create Grille Sandwich Assembly with Steel on Outside, Foam on Inside & Mesh in the Middle	X	X	X
	Use Adhesive and Plastic Rivets as Necessary to Secure Grille Assembly (Do Not Acoustically Seal Foam or Mesh with Adhesive)	X	X	X

Scuff Resistant Construction & Assembly Details	Level of Protection		
	#S1		
	Scuff Resistance (But Not Weather Resistance)		
Enclosure Details			
Construct Enclosure Out of Plywood Appropriate for the Application	X		
Apply Finish to Cover All Exposed External Surfaces Including Input, Handle, Hatch & Rigging Cutouts & Edges	X		
Apply Finish to Cover Visible Internal Surfaces Visible Through Ports	X		
Apply Finish to Cover All Internal Surfaces as Much as Possible			
Enlarge Input Panel Cutout to Accommodate Finish Thickness	X		
Enlarge Handle Cutout to Accommodate Finish Thickness	X		
Shrink Removable Wood Hatches to Accommodate Finish Thickness	X		
Remove Handles (for permanent install boxes)			
Drill Weep Holes (as necessary)			
Assembly Details			
Use Closed-Cell Foam Tape (#28347, #28348, #28351) to Seal Around Input Panels, Handles, Hatches, Horns & Woofers	X		
Use Black Household RTV Sealant (GE #312) to Seal All Gaps Around Input Panels, Handles & Rigging Hardware			
Use Black Household RTV Sealant (GE #312) to Seal All Gaps Around Removable Hatches			
Use Stainless-Steel Hardware Everywhere Possible (Except Not for Grade 8 Steel Screws)			
Coat All Non-Stainless-Steel Hardware with Humiseal (#97352) After Assembly			
Apply Water-Resistant Treatment to All Exposed Woofer Cones (#11648) Create new BOM with waterproofing. (e.g., 812-W-3283 is a 812-3283 with 11648 waterproofing)			
Create Custom Input-Panel Cover for Grommets or Glands and Seal with Foam Tape (#28347)			
Grille Details			
Use Stainless-Steel Grille Screen with Powder Coat Paint			
Create Grille Sandwich Assembly with Steel on Outside, Foam on Inside & Mesh in the Middle			
Use Adhesive and Plastic Rivets as Necessary to Secure Grille Assembly (Do Not Acoustically Seal Foam or Mesh with Adhesive)			