

USER MANUAL

SS-4 Stationary Shield

Patent Pending

Manufactured by:

Cellular Materials International, Inc.

1201 Five Springs Rd.

Charlottesville, VA 22902

info@cellularmaterials.com

Distributor:

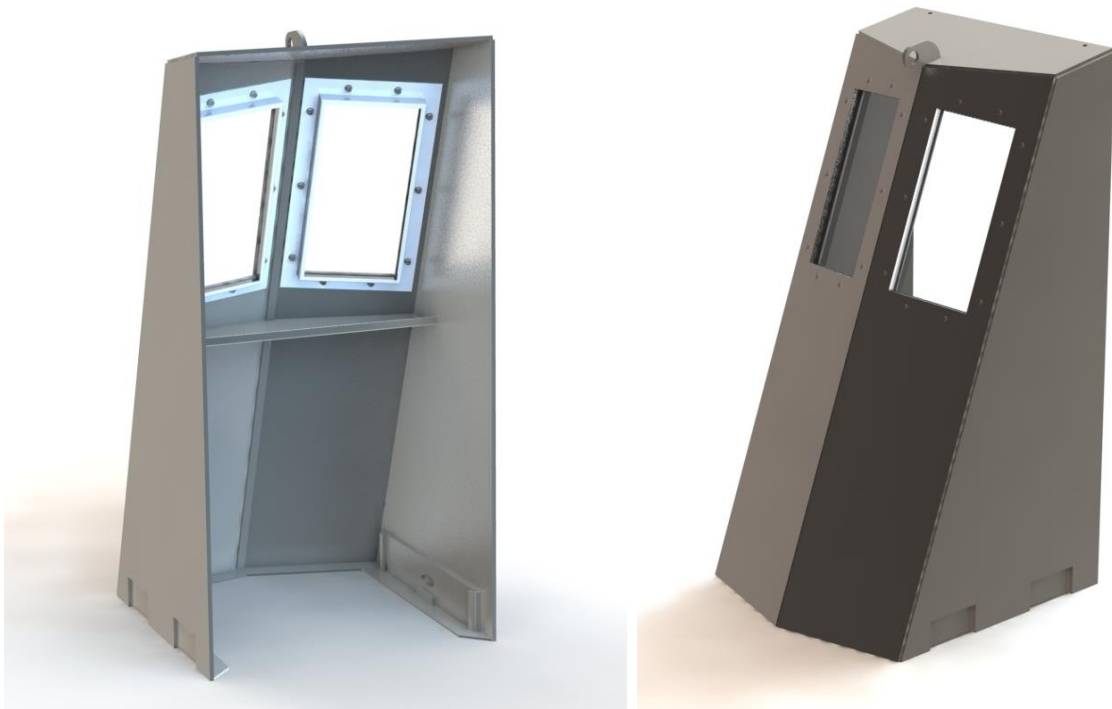
Nationwide Structures, Inc.

P.O. Box 55461

Virginia Beach, VA 23471

Ph: 888-430-0301 Fax: 757-464-2787

gail@nationwidestructures.com



Capability Chart:

National Institute of Justice (NIJ) Standard 0101.04 Ballistic Test Chart	National Institute of Justice (NIJ) Standard 0101.04 Ballistic Test Chart				
	NIJ Certified – US NIJ Standard 0101.04 is a standard for Ballistic Resistance of Police Body Armor developed by the law enforcement standards laboratory of the National Institute of Justice (NIJ), US Department of Justice, Washington DC.				
Armor Type	Test Round	Test Bullet	Bullet Weight/Grain	Reference Velocity	Max Backface Deformation
I	1	.22 Caliber LR LRN	2.6 g/40 gr.	1080±30 ft/s (329±10 m/s)	1.73 in (44 mm)
	2	.380 ACP FMJ RN	6.2 g/95 gr.	1055±30 ft/s (322±10 m/s)	1.73 in (44 mm)
IIA	1	9 mm FMJ RN	8.0 g/124 gr.	1120±30 ft/s (341±10 m/s)	1.73 in (44 mm)
	2	40 S&W FMJ	11.7 g/180 gr.	1055±30 ft/s (322±10 m/s)	1.73 in (44 mm)
II	1	9 mm FMJ RN	8.0 g/124 gr.	1205±30 ft/s (367±10 m/s)	1.73 in (44 mm)
	2	.357 Mag JSP	10.2 g/158 gr.	1430±30 ft/s (436±10 m/s)	1.73 in (44 mm)
IIIA	1	9 mm FMJ RN	8.2 g/124 gr.	1430±30 ft/s (436±10 m/s)	1.73 in (44 mm)
	2	44 Mag SJHP	15.6 g/240 gr.	1430±30 ft/s (436±10 m/s)	1.73 in (44 mm)
Levels for Hard Shields Only:					
III	1	7.62 mm NATO FMJ	9.6 g/148 gr.	2780±30 ft/s (847±10 m/s)	1.73 in (44 mm)
IV	1	.30 Caliber M2 AP	10.8 g/166 gr.	2880±30 ft/s (878±10 m/s)	1.73 in (44 mm)

Product Specifications:

Model SS-4

Protection levelNIJ-IV

Steel... Astralloy, V2 armor plate, 0.5” thick

Glass Hawkins Glass, Laminated ballistic NIJ-4

Window area 2 at 2 sq. ft. each

Weight 1100 lbs.

Max height.... 73” without awning

Max depth.... 41” without awning

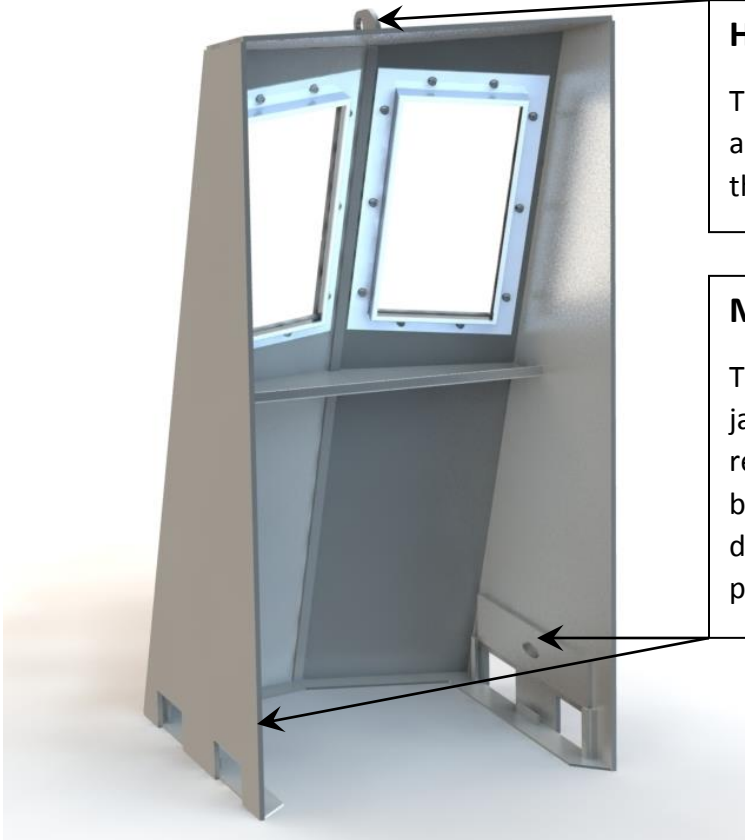
Max width.... 36.5”

Window bolts Grade 8 bolts

Awning materialAstralloy V2 plate .25”

With a NIJ level III protection

Standard Color..... Powder Coat Black

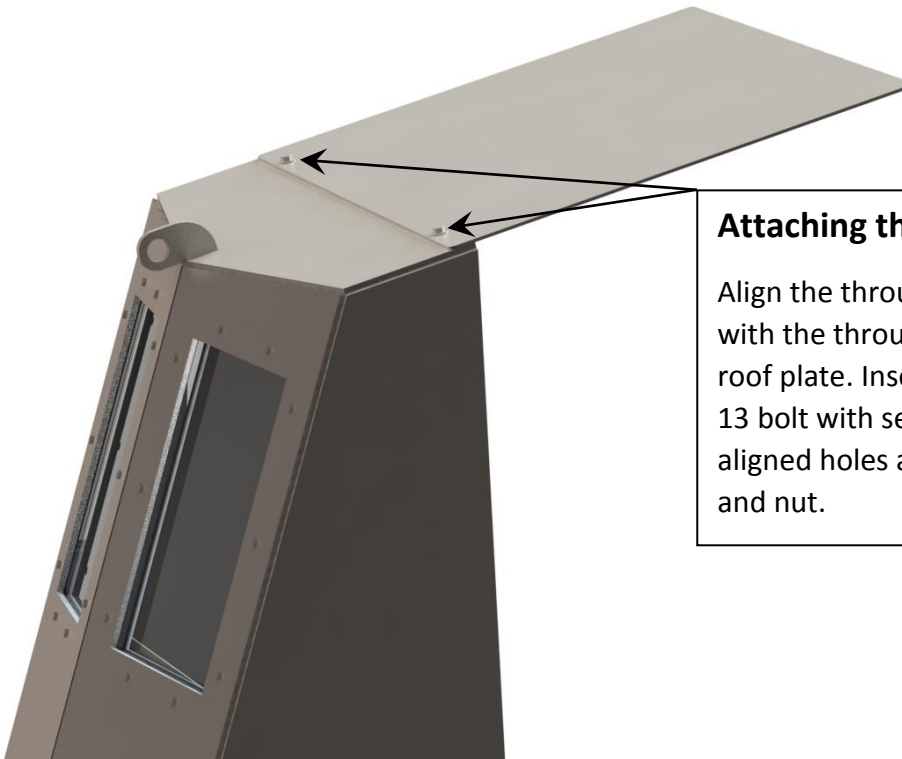


Hoisting the Shield:

To hoist the shield, place an appropriate hook or strap through the eyelet.

Moving the Shield:

To move the shield with a pallet jack or fork lift, firmly lift and remove the fork access doors on both sides. Replace the fork access doors once the shield is in position.



Attaching the Awning (optional):

Align the through holes in the awning with the through holes in the shield roof plate. Insert (2x) the provided ½-13 bolt with seated washer through the aligned holes and fasten with a washer and nut.

Interior Cleaning Instructions for Ballistic Glass

1. Rinse with clean water or glass cleaner to remove abrasive dust and dirt.
2. Wash with soap or mild detergent using a soft cloth - **DO NOT SCRUB**. Rinse and dry with a soft cloth.
3. To remove labels, stickers or grease, rub gently with a cloth wet thoroughly in VM & P naphtha, kerosene or isopropyl alcohol. Wash and rinse. Do **NOT** allow interior surface to come in contact with other solvents, razor blades, scrapers or squeegees.
4. For repair or replacement contact Hawkins Glass.

Email: angele@hawkinglass.com, Phone: 703-339-2194.

Product Warranty

CMI will guarantee all workmanship to be free of defects for one year from date of shipment. This warranty covers welding, assemblies and moving parts, such as wheels and castors, from manufacturing defects. This does not cover damage from normal wear and tear, or misuse, abuse or damage caused by a hostile battle environment. Any unauthorized changes made to the SS-4 will void this warranty. Paint is not covered by this warranty. Items such as the glass will not be covered by CMI, but may be covered by the glass manufacturer's own warranty.

DISCLAIMER AND PRODUCT USE AGREEMENT

THE PURPOSE OF MOBILE SHIELDS IS TO PROVIDE PROTECTION FROM SPECIFIC THREATS AND IT IS IMPOSSIBLE FOR CELLULAR MATERIALS INTERNATIONAL INC. (CMI) TO PROVIDE PROTECTION AGAINST ALL SUCH THREATS OR UNKNOWN CONTINGENCIES. THESE SHIELDS ARE BUILT USING MATERIALS DESIGNED, MANUFACTURED AND TESTED BY SUPPLIERS TO MEET A SPECIFIC THREAT, BASED UPON DATA THAT IS PROVIDED BY THE NATIONAL INSTITUTE OF JUSTICE (NIJ) PERFORMANCE STANDARDS. THE PURCHASER AND THOSE USING MOBILE SHIELDS AGREE TO ASSUME ALL RISKS AND LIABILITIES WHEN USING MOBILE SHIELD SYSTEMS INCLUDING, WITHOUT LIMITATION: RISKS AND LIABILITIES ARISING FROM INJURY OR DEATH OF ANY PERSON, AND RISKS AND LIABILITIES ARISING FROM DAMAGE TO, OR DESTRUCTION OF, ANY PROPERTY. PURCHASERS AND USERS AGREE BY USE OF MOBILE SHIELDS TO INDEMNIFY AND HOLD HARMLESS CMI FROM CLAIMS, DEMANDS, CAUSES OF ACTION, LOSSES, DAMAGES, PENALTIES, LIABILITIES, AND EXPENSES ARISING FROM, OR RELATING IN ANY WAY TO THE USE, TRANSPORTING AND HANDLING OF MOBILE SHIELDS. CMI MAKES NO CLAIM OF A LEVEL OF PROTECTION OUTSIDE NIJ STANDARDS AND ONLY WHEN SUBJECTED TO NIJ TESTING METHODS. CMI NEITHER ASSUMES NOR AUTHORIZES ANYONE TO ACCEPT ANY TYPE OF LIABILITY ON BEHALF OF CMI. MOBILE SHIELDS ARE DESIGNED TO PROVIDE A LIMITED LEVEL OF PROTECTION IN VERY DANGEROUS SITUATIONS. PURCHASERS AND USERS AGREE, BY THEIR USE OF MOBILE SHIELDS, TO BEAR ALL RESPONSIBILITY FOR THEIR OWN SAFETY.

CMI MAKES NO WARRANTY WHATSOEVER WITH RESPECT TO MOBILE SHIELDS, INCLUDING ANY (A) WARRANTY OF MERCHANTABILITY; OR (B) WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE WHETHER EXPRESS OR IMPLIED BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USAGE OF TRADE OR OTHERWISE.

IN NO EVENT SHALL CMI BE LIABLE TO ANY PARTY FOR ANY CONSEQUENTIAL, INCIDENTAL, INDIRECT, EXEMPLARY, SPECIAL OR PUNITIVE DAMAGES, INCLUDING ANY DAMAGES FOR BUSINESS INTERRUPTION, LOSS OF USE, REVENUE OR PROFIT, WHETHER ARISING OUT OF BREACH OF CONTRACT, TORT OR OTHERWISE, REGARDLESS OF WHETHER SUCH DAMAGES WERE FORESEEABLE AND WHETHER OR NOT ANY PURCHASER OR USER OF MOBILE SHIELDS WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

IN NO EVENT SHALL CMI'S AGGREGATE LIABILITY ARISING OUT OF OR RELATED TO PURCHASE AND USE OF ANY PARTICULAR MOBILE SHIELD, WHETHER ARISING OUT OF OR RELATED TO BREACH OF CONTRACT, TORT OR OTHERWISE, EXCEED THE TOTAL AMOUNT PAID TO CMI AS PAYMENT FOR THAT PARTICULAR MOBILE SHIELD. THE FOREGOING LIMITATIONS SHALL APPLY EVEN IF THE REMEDIES UNDER THIS DISCLAIMER AND PRODUCT USE AGREEMENT FAIL OF THEIR ESSENTIAL PURPOSE.