



Instruction for Handling and Safety

1. MSTBAR™ could be crushed or damaged due to improper handling during loading, transportation or offloading.
2. Do not place MSTBAR™ on Sharp edges and directly on the ground, always use beam or timber pallet under the bar package to keep them away from dirt and mud.
3. MSTBAR™ is more elastic than regular steel bar therefore always avoid excessive deflections of the bars. Always use a spreader bar when hoisting bundle of MSTBAR™
4. MSTBAR™ can be damaged by rubbing abrasive material to it; do not drag MSTBAR™ on the ground or sharp edges.
5. MSTBAR™ does not have any Ultra Violent resistance additive therefore MSTBAR™ shall not be stored under direct sunlight, please cover MST-BAR to prevent direct exposure. No more than 30 days in direct sunlight.

6. To cut MSTBAR™ do not use shear force and inappropriate tools. MSTBAR™ can be cut using steel saw, a band saw and or grinder with a diamond blade.
7. MSTBAR™ is not weldable. It can be spliced with overlap of 40 times the diameter of the bar.
8. MSTBAR™ is elastic thus it will not stay bent. If bent too far, it might break or otherwise the built up potential energy will whiplash back and could cause injury.
9. When placing the MSTBAR™ make sure it is free of dust and oil, otherwise it will effect the bond between the bar and concrete.
10. Place MSTBAR™ according to CRSI guidelines for placement of reinforcing bars.
11. Secure MSTBAR™ in the formwork to avoid movement of the bars before placement of concrete.
12. MSTBAR™ should be supported with noncorrosive chairs.
13. Tie MSTBAR™ with stainless steel or nylon tie wire, you may use heavy-duty zip tie.
14. At all time wear gloves to prevent any splinters.

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