

CBC User Manual



INSTRUCTIONS FOR USE - please read carefully

This manual must be handed to the final user of our products.

Thank you for your purchase with Carpenter Boot Company (CBC), leaders in high performance long and short track speedskating boot technology and speedskating equipment.

For the proper use and maintenance of your product, and to increase its longevity, CBC recommends that you carefully read the following instructions:

- CBC designs and crafts Short Track, Long Track, and Inline Skating boots and related equipment. Our products should only be coupled with other specific gear (e.g. speedskating blades, inline frames, etc.) that conform to accepted international standards. Please carefully review the CBC Sizing and Mount Information available by clicking on the link at the bottom of our homepage at www.carpenterbootcompany.com.
- For the proper functioning and safe use of our products, be sure to have them initially set-up (inspected, sized, and adjusted) and regularly maintained by a qualified professional.
- For proper sizing, please be sure to review the CBC Foot Measurement Guide available by clicking on the link at the bottom of our homepage at www.carpenterbootcompany.com.
- Please carefully review and follow the following product-specific warnings and recommendations for the use and maintenance of our products set out below. Improper use and maintenance can dramatically reduce the performance of our products and will void our warranty.

WARNING!

Short Track, Long Track, and Inline Skating are hazardous sports with inherent risks of injury which must be recognized and accepted. Even though we are sure your CBC product provides an unmatched level of performance, it will not protect you in all situations, even if appropriately used/worn. In addition, these sports require physical fitness, preparation, technical skill and caution. You alone are responsible for determining your ability and fitness to skate. Please keep in mind that when skating you should:

- Always wear protective gear that is specific for speedskating (e.g. helmet, shin guards, cut-proof clothing and gloves) whenever skating.
- Always adhere strictly to the regulations that are in force on the skate track.
- Always proceed with caution and attention.
- Always make sure you are in full control of your speed and direction and able to stop and avoid obstacles and other skaters.

CBC BOOTS: RECOMMENDATIONS FOR USE AND MAINTENANCE

To reduce the risk of accidents and injuries, to yourself or others, we strongly recommend that you observe the following:

- Always inspect your boots, blades, and other equipment before each use. In particular, check that your blades are securely mounted to your boots, and that your boot laces and straps are in good working order and securely fastened.
- Before installing your blades, make sure the mountings on your boots are free from ice, snow, dirt or any other foreign element that might cause an improper mounting closure.
- Stop skating and inspect your skates immediately if you hear clicking or other unusual sounds coming from your boots while skating. This could be an indication of a loose bolt/screw or other damage.
- After use, dry the exterior and interior of the boots thoroughly, away from direct sources of heat (radiators, open fires, etc.).
- Use only mild soap and water to clean the boots; avoid using any other type of harsh cleaning agent or solvents.
- Before storing your boots, make sure they are dry and put them in a dry place, away from direct sunlight.

HEAT MOLDING INSTRUCTIONS FOR CBC BOOTS AND SHINARMOR

Heat molding should be performed by an individual with molding experience. We do not accept returns on CBC products that have been heat molded.

Professionals who are vacuum molding must use a toe protection device, otherwise the toe box will become distorted. If not vacuum molding, a toe box protection device is not necessary.

Please carefully review the following heat molding instructions before attempting to heat mold your CBC products:

CBC BOOTS

1. Position a towel in the front of a standard chair. The towel will protect your CBC boots during the shaping process. To ensure that the heel raise in your boot will not warp

during the shaping, you will roll and situate a towel under the heel so that the heel can be situated slightly higher than the toe of the boot.

2. Unlace your CBC boots so that your feet can slide in unrestricted. Keep in mind that the boots must be tightened swiftly after the heating process.
3. Our boots have been constructed with Thermo-CSC, a heat reactive sheeting intelligently embedded in the carbon support shell. To activate the technology, you will begin by placing your boots in a traditional oven. To ensure that your boots will not be damaged during the heating process, do not use a microwave, grill or other cooking device. Once the boots are in the oven, set the oven to 70 degrees Celsius / 160 degrees Fahrenheit. Typically, Thermo-CSC will be activated in the time period it takes for your oven reach 70 degrees Celsius / 160 degrees Fahrenheit, plus an additional 10 minutes. "Time to mold" confirmation can be achieved by testing the flexibility of the support shell. If the carbon shell is not malleable, continue to heat followed by a flexibility test at 2 minute intervals.
4. Remove the boots one at a time from the oven and slip onto your feet. Take caution during this process as the hot boot may cause burns. If the boots are too hot to put on, wait until they have reached an acceptable temperature. Thin socks can support this effort by creating an insulated protection layer between your foot and the inside of the boot.
5. Place the heel of your boots on top of the rolled up towel in front of your chair. Lace up your boots starting at the toe area. Aggressive lacing efforts will result in a softer, more supple support shell if desired. After the boots have been laced up, pose in the standard skating position, ensuring your knees are directly over your toes. It is important that the back mount is lifted via the rolled up towel during this effort.
6. Massage out potential pressure points on the boots during the cooling process.
7. Generally, your boots will reach partial cure within 10 minutes after pulling them out of the oven. Keep the boots on your feet until significant warmth has dissipated.
8. Keep in mind that your boots must be loosened enough to step out with ease. Unlace the boots completely before removal. This will ensure minimum distortion of the freshly modified Thermo-CSC and will allow the boots to maintain their new custom form.
9. Full cure will be achieved after 12 hours.
10. Your CBC boots have now been customized. Having appropriately followed the aforementioned steps, you can expect comfort, control and ease of skating.
11. If, after heat molding, the fit of your boots does not meet your requirements, consider repeating the molding process. Do keep in mind that the boots will lose stiffness if molded too many times. To modify or target a smaller area of the boot, reactivation of the Thermo-CSC can be achieved through the use of a heat gun.*

*It is recommended that heat gun modification be performed by an individual with molding experience, as CBC high-performance materials are sensitive to extreme temperatures. **We do not accept returns on boots that have been heat molded.**

CBC SHINARMOR

Preparation

1. ShinArmor is best molded on a hairless shin as the cutout form tends to become somewhat sticky during the molding process.
2. Locate a flat pan or container that accepts the entire dimension of the ShinArmor cutout form. The cutout form must lay flat on the container bottom.
3. Heat tap water to just below boiling temperature. A hot water cooker is ideal for this task.
4. Fill the container with hot water.
5. Submerge only one cutout form into the hot water container, as you will be molding ShinArmor one at a time.
6. Allow ShinArmor to become soft and supple for 20-30 seconds. The cut-out form will be completely drapable when ready to mold.
7. Use a spatula or tong to remove the cutout from the pan.
8. Wait 10 seconds for ShinArmor to slightly cool. During this period, situate yourself into the molding position.

Molding

9. Sit upright in a chair next to a table.
10. Set your toes on the edge of the table, allowing your heel to hang unsupported. This will mimic a position similar to skating.
11. Lay the slightly cooled cutout form on your unclothed shin.
12. Use your hand to lightly massage the ShinArmor. Do not pull at the edges of the cutout as you will distort the contour of the ShinArmor.
13. Allow ShinArmor to completely cool before removing from the shin. After your guard is customized and in rigid form, you may run cold water over the form to cool further.
14. Evaluate the fit of your customized ShinArmor product and remold if necessary.

CBC PRO-SHARPENING FRAME: RECOMMENDATIONS FOR USE AND MAINTENANCE

When setting up the CBC Pro-Sharpener Frame, be sure to:

- Setup on a flat surface
- Avoid over-tightening bolts so as not to strip the threads
- Use top-stops or top locators to ensure your blades are level and square in the jig before beginning to sharpen.
- Wipe metal sharpening dust from jig after use.

CBC RETURN POLICY

If you are not entirely satisfied with your CBC product, we're here to help! CBC products may be returned within twenty one (21) days of delivery of your CBC product, if:

- The product is not a custom boot made to your own specifications;
- The product has not been heat molded;
- The product is in its original packaging;
- The product has not been used;
- Tags or seals have not been removed from the product;
- The product has not been damaged; or
- You have the receipt or proof of purchase;

CBC products not meeting these criteria will not be considered for return.

You must notify us of your desire to return your product within this 21 day period and must send back your CBC products immediately after, but no later than 21 days from the date on which you inform us of your intent to return your CBC product.

Please contact Customer Service at sales@carpenterbootcompany.com to request a return. You are responsible for the cost of shipping all CBC products eligible for a return.

LIMITED WARRANTY FOR CBC PRODUCTS

CBC warrants that our products are free from defects in material and workmanship, under normal and intended use, for a period of one (1) year from the date of retail purchase by the original retail customer. For the CBC Pro-Sharpening Frame, this Limited Warranty period is extended to two (2) years from the date of retail purchase by the original retail customer. If CBC determines that such a defect exists, we will repair or replace (at our option) your CBC product without charge.

However, our Limited Warranty **does not** extend to damage that CBC determines to have been caused by:

- Size and fit issues;
- Misuse, including failure to comply with our Recommendations for Use and Maintenance, or improper service, maintenance, transportation, or storage;
- Use of improper or faulty equipment or hardware with our products, including the use of improper or faulty blades or mountings with our boots (CBC does not warranty any 3rd party product, part or component used with our CBC products);
- Heat molding;
- Neglect or abuse;
- Impact or abrasions caused by contact with a skate or skate blade, falls, curbing, or sliding;
- Normal wear and tear;
- Modifications or alterations; or
- Cosmetic changes in exterior appearance or color, including decals and artwork.

- **A Note on our ShinArmor:* Dings, scratches, and cracks may occur during normal use of our ShinArmor shin guards and are not covered under this Limited Warranty.
- **A Note on our CBC Boot Travel Box:* Dings, scratches, and cracks may occur during normal use of our CBC Boot Travel Box and are not covered under this Limited Warranty. In addition, overfilling the CBC Boot Travel Box may cause the zipper to fail and is not covered under this Limited Warranty. Further, our Limited Warranty specifically excludes damage to items stored or carried in the CBC Boot Travel Box.
- **A Note on our CBC Pro-Sharpening Frame:* Our Limited Warranty only applies if our CBC Pro-Sharpening Frame is used for non-industrial and non-commercial purposes only; it does not cover replacement of abrasive wheels and/or other abrasive components used with this product. Further, our Limited Warranty specifically excludes damage to boots and blades used with this product.

This Limited Warranty is not transferable or assignable and only applies to CBC products purchased through CBC directly or through a CBC Authorized Representative. If you believe you have a Limited Warranty claim, please contact us at sales@carpenterbootcompany.com. Your proof of purchase must accompany all claims, please have it ready. For any claimed defective product, you are responsible for the cost of inbound shipping, and any insurance or transportation charges.

REPAIR OR REPLACEMENT AS PROVIDED FOR UNDER THIS LIMITED WARRANTY IS THE EXCLUSIVE WARRANTY AVAILABLE TO YOU. TO THE FULLEST EXTENT ALLOWED BY LAW, CBC DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AS WELL AS ANY STATUTORY WARRANTY ON HIDDEN DEFECTS, AND WILL NOT BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE FOR THE SALE, MANUFACTURE, OR USE OF ITS PRODUCTS. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this limitation or exclusion may not apply to you. TO THE EXTENT PERMITTED BY LAW, THE WARRANTY PERIOD WILL NOT BE EXTENDED OR RENEWED DUE TO SUBSEQUENT RESALE, REPAIR, OR REPLACEMENT.