FMC Ice Sports eNews

Inside the Ice Rink: Refurbishing a Goal Frame

By Casey Murdough

There are many elements of ice rink operations that contribute to the high quality ice and professional management you will find in an FMC arena. This week, Chelmsford Forum Rink Manager, Casey Murdough, shows us how to properly refurbish a goal frame.

1. This Goal frame has been stripped of its netting; followed by the replacement of the lower metal fame piece that sits on the ice. After all the welds are done, the paint was stripped down with a wire wheel to bare metal so the new paint looks smooth and brand new.

2. High-gloss white paint is applied with two coats over one coat of white primer.

3. When painting a goal frame with the standard two colors, a nice seam must be made between them. That is done with blue painters tape to make a clean edge, followed by newspapers covering the majority of the fresh white paint. When the white is completely covered and protected, a coat of darker primer, in this case, brown, is sprayed down before the color coat.

4. Two to three light coats of a high-gloss red spray paint are now applied to the front part of the goal frame.

5. When the paint dries, the painters tape and newspaper that covered the fresh white ares are removed. A clean line between the two colors is the goal (no pun intended).

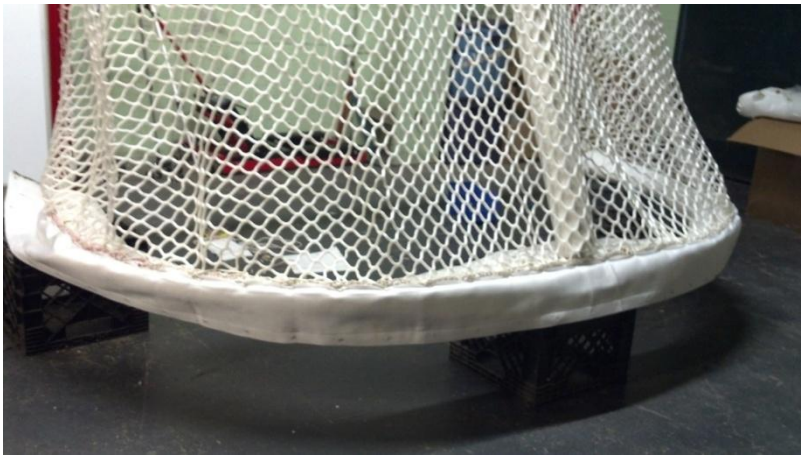
6. The freshly painted goal frame is now ready for the next step.

7. Goal netting is laid over the frame and tied off at about one foot intervals. This is done to make sure the net lays center to the frame, which makes tying the net that much easier.

8. Using a piece of nylon string about 8’ to 10’ long, we begin to tie at the upper corner of the frame. A simple loop pattern where the string pulls back over itself is used to hold the goal netting to the frame. The pattern of loops is continued until the string is too short; then it is knotted off, followed by another section of string until you reach back around the frame to where you started.

9. Success! The netting is fully tied onto the goal frame.

10. An interior pad is attached to the lower part of the goal frame. Over time, thousands of pucks will be shot at the cold metal, which will slowly dent it. This pad is used to help increase the life span of the goal. Additional padding is used as a small level of protection in case a player comes into contact with the net.



11. The outside area of the goal frame at ice level also gets a special treatment to maintain its lifespan. This “skate blade protector” functions just as the name implies. It is there to help save the net tying string and netting from being cut by skate blades. The blade protector is attached, upside down, with the same nylon string used in step 8.

12. When the skate blade protector is tied on, it is then flipped upwards to its more recognizable position. One more piece of string is then used to tie the other side to the netting.

13. With the addition of the skate blade protector, the refurbished goal frame is now complete and ready to hit the ice!