

MASTERMIND™

PP
Pro performance

COVERSTOCK

The new **Honor Roll Solid** reactive coverstock is Brunswick's latest cutting edge development based off our performance enhancing additive chemistry technology. Honor Roll Solid coverstock offers the most aggressive coverstock to date for a Brunswick ball. This aggressive coverstock produces easy length through the heads with unsurpassed traction in the mid-lane and backend to achieve ultimate hook.

CORE

The **Mastermind Ultra Low RG** core features a single density squared-off elliptical inner core. The core is dynamically designed to extend the rotational energy, boosting angular velocity to transfer energy to the pins for increased pin action and higher scores.

BALL MOTION

The new **Mastermind** breaks through the hook barrier again extending the overall hook potential range for the Brunswick product line.. The **Mastermind** with its 1500 grit Siaair Micro Pad finish, reaches the highest hook potential of any previous Brunswick ball to date on medium to heavily oiled lane conditions.

REACTION SET UP

The **Mastermind** can be drilled using the standard drilling techniques developed for asymmetric core bowling balls.

LIGHTWEIGHT ENGINEERING

At Brunswick, the unique core shape of each individual ball is used for weights from 14 to 16 pounds. This approach to lightweight ball engineering provides bowlers with consistent ball reaction characteristics across this weight range. At 12 and 13 pounds, Brunswick uses a generic core shape with a RG-differential that is close enough to the 14 to 16 pound shape so the same drilling instructions can be used.



| | 16 LB | 15 LB | 14 LB | 13 LB | 12 LB |
|----------------|--------------|--------------|--------------|--------------|--------------|
| RG-MAX | 2.528 | 2.540 | 2.556 | 2.632 | 2.655 |
| RG-INT | 2.513 | 2.525 | 2.541 | 2.621 | 2.644 |
| RG-MIN | 2.476 | 2.488 | 2.504 | 2.589 | 2.612 |
| RG-DIFF | 0.052 | 0.052 | 0.052 | 0.043 | 0.043 |
| RG-ASY | 0.015 | 0.015 | 0.015 | 0.011 | 0.011 |



SPECIFICATIONS

| | | | |
|------------------|------------------|-------------|-------------------|
| Hook Potential | Low (10) | 240 | High (250) |
| Length | Early (25) | 95 | Long (235) |
| Breakpoint Shape | Smooth Arc (10) | 120 | Angular (150) |
| RG Differential | Low (0) | .052 | High (.060) |
| RG Average | Center Heavy (1) | 3.7 | Center Heavy (10) |

- Mastermind Ultra Low RG Core
- Honor Roll Solid Reactive Coverstock
- 3-Color, Black, Blue Orange Solid
- Hardness: 73-75
- 500; 1500 Siaair Micro Pad Finish
- Part No. 60-105584-93X



Brunswick®
BowlwithBrunswick.com

MAINTAIN YOUR BALL REACTION

Brunswick recommends the following procedures to maintain and restore the reaction characteristics of your Brunswick bowling balls:

1. Clean your Brunswick ball with **Brunswick Remove All** or similar ball cleaner after every use to reduce oil absorption.

2. If you think your Brunswick ball has lost some of its "out of the box" reaction, restore the ball to its original factory finish listed on the product information sheet. This is especially important for balls that are highly sanded or polished. Sand to 500-grit Siaair Micro Pad then use **Royal Compound and Royal Shine by Brunswick** to restore the original factory finish on high gloss polish balls. Sand to 500-grit Siaair Micro Pad then use **Royal Compound by Brunswick** to restore the original factory finish on Royal Compound balls. For dull balls, wet sand with the Micro Pad grit listed on the product information sheet.

3. If there is a visible track on your ball, have your pro shop use a Haus or similar resurfacing machine to remove the track then restore the ball to its original factory finish. This service is available, for a fee, at many pro shops.

4. If your ball has more than 50 games on it, you may be able to increase mid-lane and back-end hooking action by removing oil from the coverstock. Remove the oil from the ball by gently warming it with either the **Revivor** or **Rejuvenator** pro shop devices that have been designed for this purpose. The service is available, for a fee, at many pro shops. Brunswick testing has shown that by combining the restoration of the factory finish, resurfacing of the track and oil removal, your Brunswick ball can maintain its original "out of the box" reaction for hundreds of games. **Do not use a home oven to remove oil. Temperatures cannot be adequately controlled and the ball may crack.**

5. Absorbent materials sold by other bowling ball manufacturers to remove oil can also be used on Brunswick bowling balls. Information to date seems to indicate that absorbent materials have a more limited ability to remove oil than warming. You may be disappointed with results on heavily oil soaked balls.

NOTE: Oil soaked balls tend to traction less in the oil and respond less to the dry boards on the lane. If you are matching-up using an oil soaked ball on wet/dry or broken down lane conditions, removing the oil from the ball will significantly change your match-up and possibly create undesirable over reactions.

For the most up-to-date product line information visit www.bowlwithbrunswick.com/balls.