

STAR WAX RECOMMENDATIONS 2007 (Prepared by V2 Jenex)

| New Fine grained Snow, 1 to 2 days old (Air Temperature) | | | | | |
|--|-------------------|--------------|---------------|-------------|-----------------|
| C | -20 / -9 | -10 / -5 | -6 / -2C | -2 / +2C | +3C & warmer |
| F | -4 / 16 | 14 / 23 | 21 / 28 | 28 / 36 | 38 & warmer |
| H % | | | | | |
| 20-50 | M.BK+NA8+C1 | M.BK+LA6 | MAP200+LA4 | MAP200+LA2 | MAP200+HA2 |
| 20-60 | M.BK+LA8+C1 or C2 | M.BK+LA6 | MAP200+LA4 | MAP200+LA2 | MAP200+HA2 |
| 50-70 | M.BK+LA8 | M.BK+LA6 | MAP200+HA4 | MAP200+HA2 | MAP200+HA2+MP10 |
| 70-95 | HA8+F3 or C2 | HA6+F3 or F1 | MAP200+HA4+F1 | HA2+MP10+F1 | HA2+MP10+F1 |

| Old Fine grained snow (never melted) | | | | | |
|--|-------------------|-------------|---------------|-------------|--|
| C | -20 / -9 | -10 / -5 | -6 / -2C | -2 / 0C | |
| F | -4 / 16 | 14 / 23 | 21 / 28 | 28 / 32 | |
| H % | | | | | |
| 20-50 | M.BK+NA8+C1 | M.BK+LA6 | MAP200+LA4 | MAP200+LA2 | |
| 20-60 | M.BK+NA8+C1 or C2 | M.BK+LA6 | MAP200+HA4 | MAP200+LA2 | |
| 50-70 | M.BK+LA8 | M.BK+HA6+D2 | MAP200+HA4 | MAP200+HA2 | |
| 70-95 | HA8+F3 or C2 | HA+F3 or F1 | MAP200+HA4+F1 | HA2+MP10+F1 | |

| Old Snow, coarse grained which has been exposed to melt and freeze cycles | | | | | |
|---|-------------------|--------------|---------------|---------------|----------------|
| C | -20 / -9 | -10 / -5 | -6 / -2C | -2 / +2C | +3C & warmer |
| F | -4 / 16 | 14 / 23 | 21 / 28 | 28 / 36 | 38 & warmer |
| H % | | | | | |
| 20-60 | M.BK+LA8+C1 or C2 | M.BK+LA6 | M.BK.+LA4 | MAP200+HA2 | MAP200+HA2 |
| 50-70 | M.BK+LA8+C2or F3 | M.BK+LA6+D3 | MAP200+HA4 | MAP200+HA2+F2 | MAP200+HA2+ F2 |
| 70-95 | VA8+F3 | VA6+F3 or F1 | MAP200+VA4+F1 | MAP200+VA2+F2 | MAP200+HA2+F2 |

| Artificial Snow | | | | | |
|-----------------|-------------------|--------------|---------------|---------------------|---------------------|
| C | -20 / -9 | -10 / -5 | -6 / -2C | -2 / +2C | +3C & warmer |
| F | -4 / 16 | 14 / 23 | 21 / 28 | 28 / 36 | 38 & warmer |
| H % | | | | | |
| 20-60 | M.BK+LA8+C1 or C2 | M.BK+LA6 | M.BK.+LA4 | | |
| 50-70 | M.BK+LA8+C2or F3 | M.BK+LA6 | MAP200+HA4+F1 | MAP200+HA2+F1 or F2 | MAP200+HA2+F1 or F2 |
| 70-95 | VA8+F3 or C2 | VA6+F3 or F1 | MAP200+VA4+F1 | MAP200+VA2+F2 | MAP200+VA2+F2 |

LOW COST SIMPLIFIED GLIDE WAXING

| C | -20 / -9 | -10 / -5 | -6 / -2C | -2 / +8C |
|-------|------------|-----------|-----------|----------|
| F | -4 / 16 | 14 / 23 | 21 / 28 | 28 / 46 |
| H % | | | | |
| 20-60 | M.BK.+ LA8 | M.BK+ LA6 | M.BK+ HA4 | HA2 |
| 60-95 | M.BK.+HA8 | M.BK+ HA6 | M.BK+ HA4 | HA2 |

The above will provide good results and only 7 waxes are needed.

Definitions: M.BK = Map Black.

Important additives for even faster skis

Dice: For new or recently transformed snow conditions with a humidity of between 60% and 90% the Dice 100% fluor additives can provide increased speed. These additives are made from a low melt fluor molecule and **must not** be ironed. **Hand or roto cork only.** Dice are top layers that go over other waxes. D1 is for temperatures 0 to +8C, D2 = -2 to -6C .

C Additives: The C1 and C2 additives are exceptional in cold snow. C1 is for **low** humidity in temperatures below - 5 C. C2 is for humidity, 60% to 90 % in very cold conditions.

MP Additives: In certain conditions, the MP additives can dramatically improve performance. MP10 is a top coat for new fine snow and also glazed tracks. MP30 is for transformed and dirty snow +4 to -4C.

Uniblock Base Waxes: We asked Zach Caldwell at Engineered Tuning why he uses STAR base waxes for his ski tuning. He said it was a very uniform synthetic paraffin with much lower melt temperatures for the hardness of the wax when compared to other brands. Zach also said penetration into the base was superior and in the hot box the temperatures could be kept very low, eliminating the possibility of damaging the ski base.