



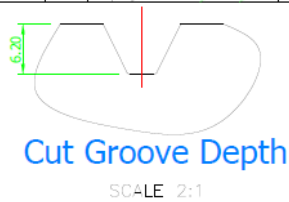
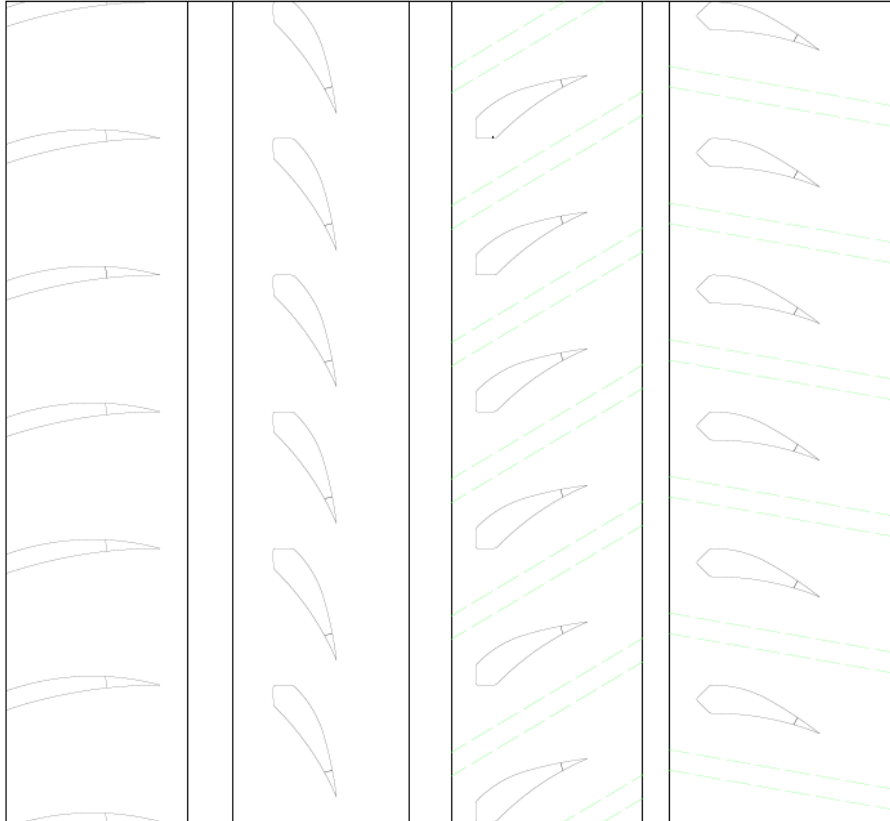
List of Cut Wet Patterns for Asphalt Tyres

Only valid for European Rally Trophy tarmac events if authorised by the Supplementary Regulations

 COOPERTIRES	Page 2
 YOKOHAMA	Page 7
 DMACK	Page 9
 MRF	Page 13
 MICHELIN	Page 18
 PIRELLI	Page 26
 HOOSIER RACING TIRE	Page 29
 EXTREME PERFORMANCE TYRES	Page 33
 DUNLOP	Page 35
 Hankook	Page 36



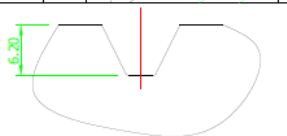
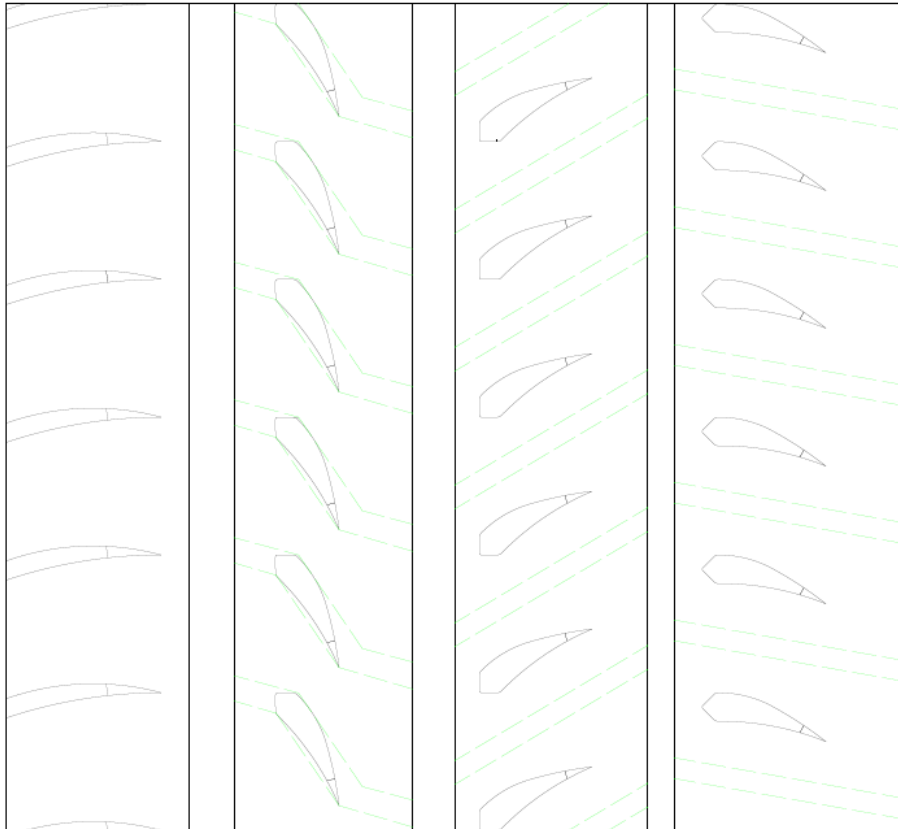
COOPER DISCOVERER TARMAC DT02 - 225/40R18 - WET CUTTING PATTERN – PHASE 1



*Green Lines to Be Cut



COOPER DISCOVERER TARMAC DT02 - 225/40R18 - WET CUTTING PATTERN – PHASE 2



Cut Groove Depth

SCALE 2:1

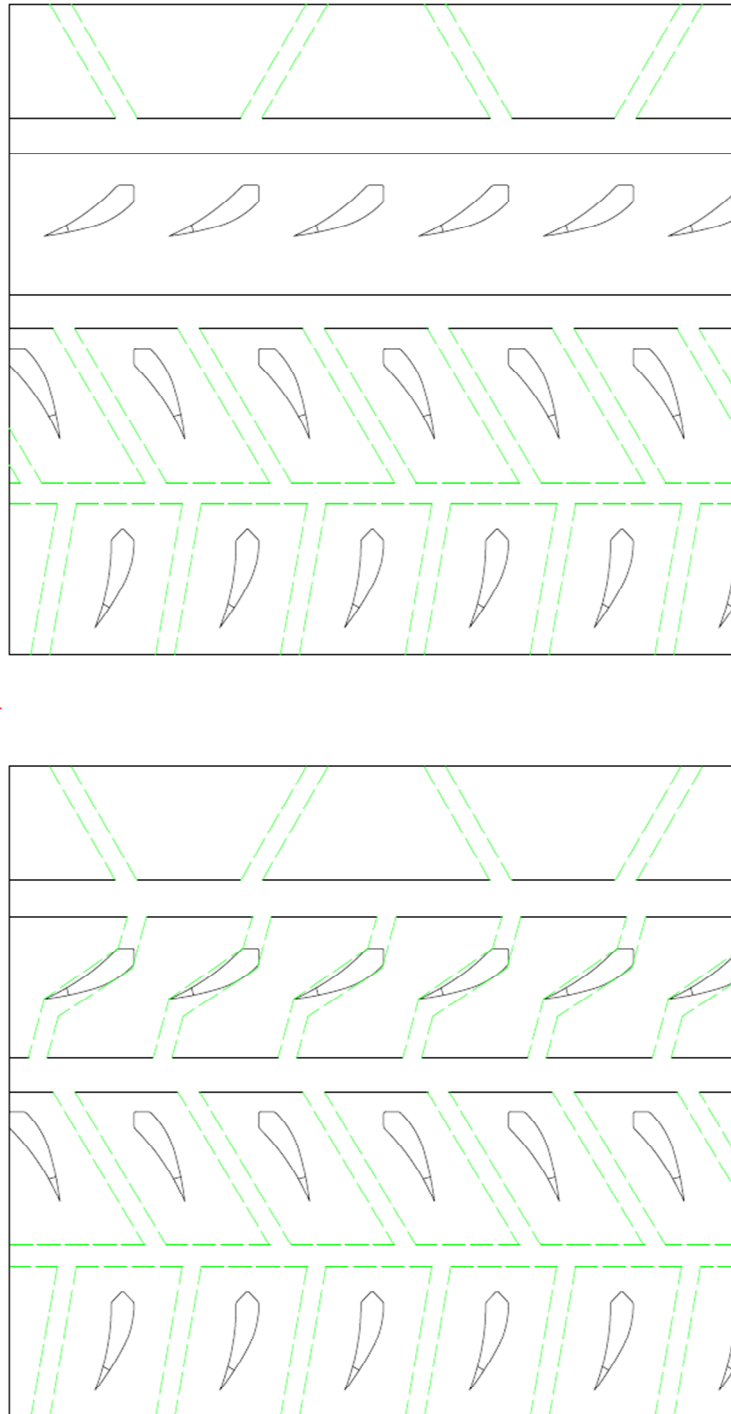
*Green Lines to Be Cut

COOPER DISCOVERER TARMAC DT1 - 205/45R17 - WET CUTTING PATTERN

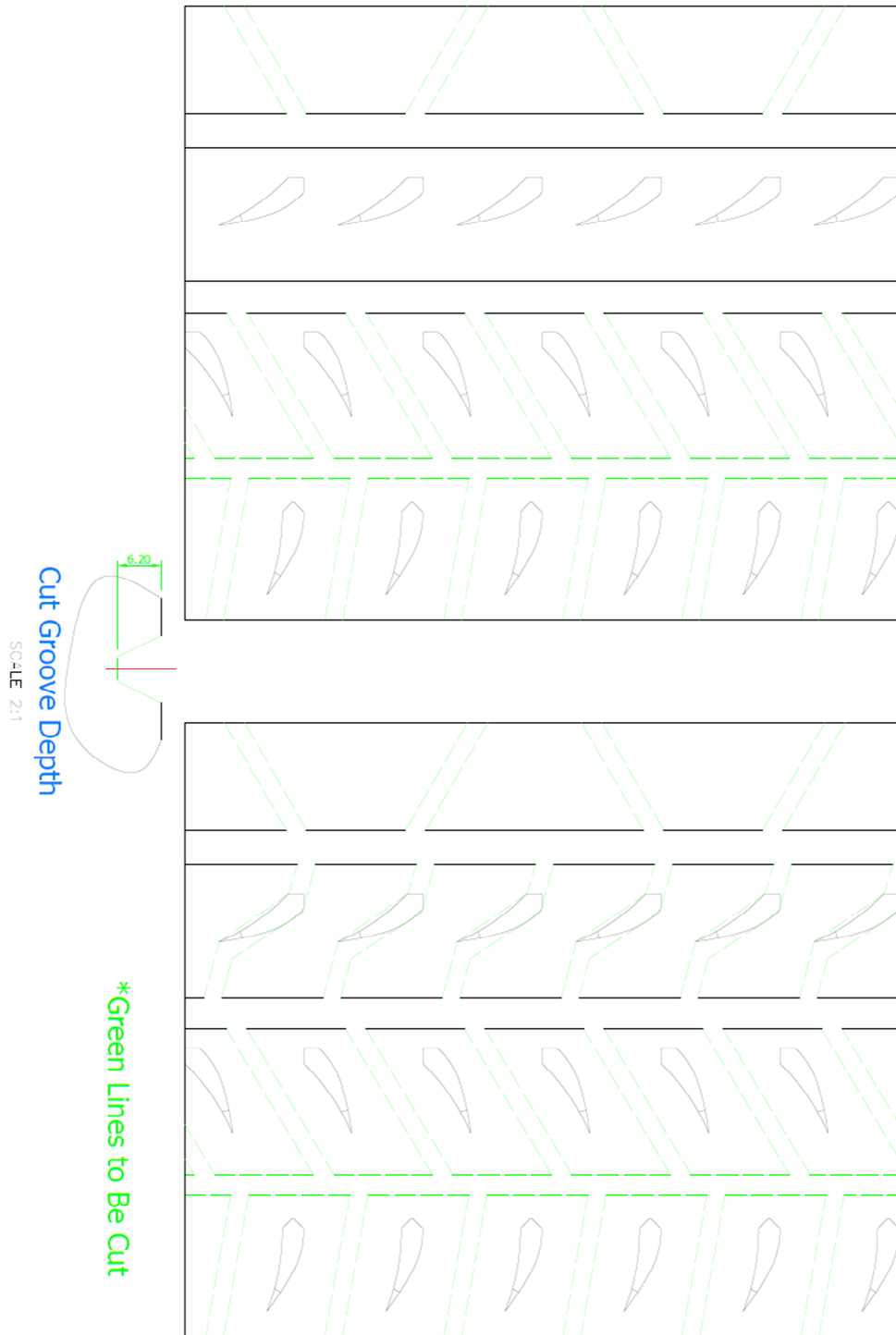
DRAWING REFERENCES

Cut Groove Depth
SCALE 2:1

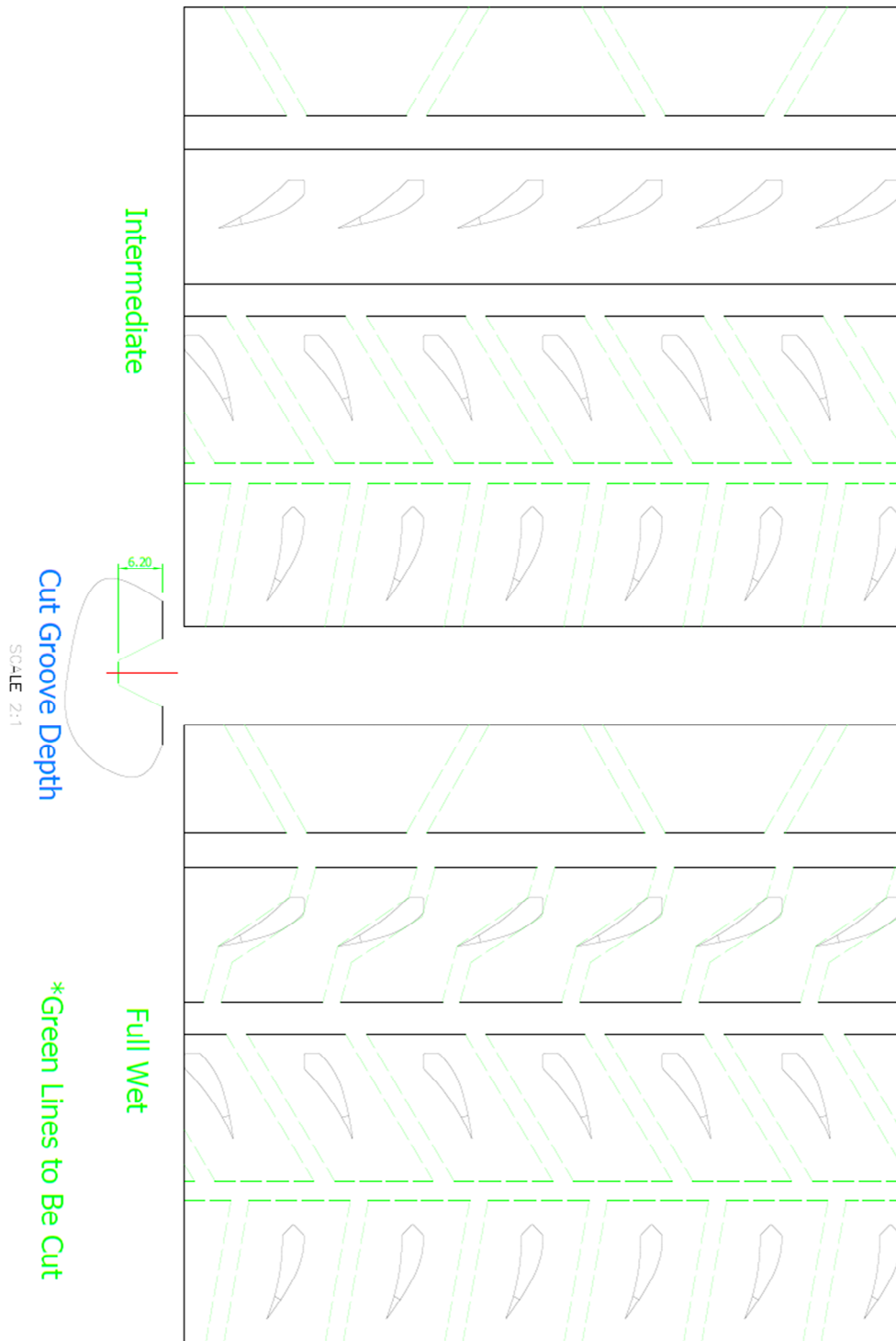
*Green Lines to Be Cut

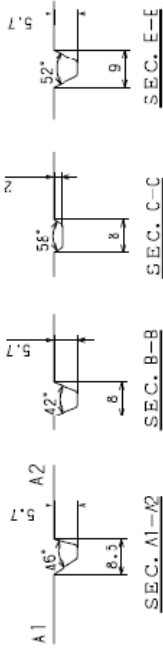


COOPER DISCOVERER TARMAC DT1 - 195/50R16 - WET CUTTING PATTERN



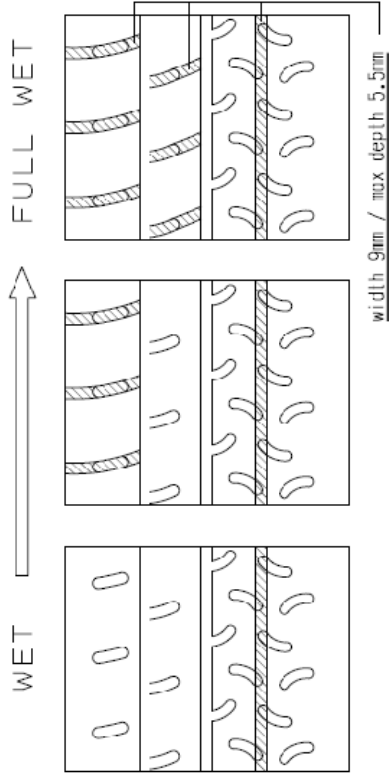
COOPER DISCOVERER TARMAC DT1 - 195/50R15 - WET CUTTING PATTERN





In the control area
 5.5mm grooves-18.1%
 Total grooves-22.2%
 ----- Control area 170X140
 Tyre weight: 9.7kg

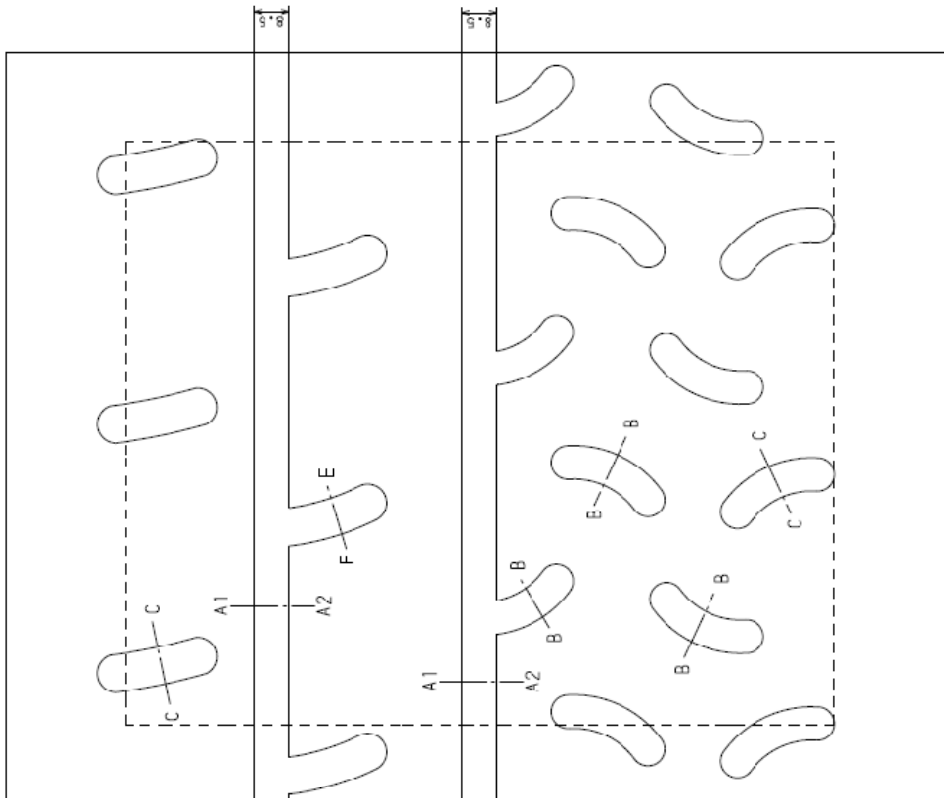
HAND-CUT GROOVE RECOMMENDATION



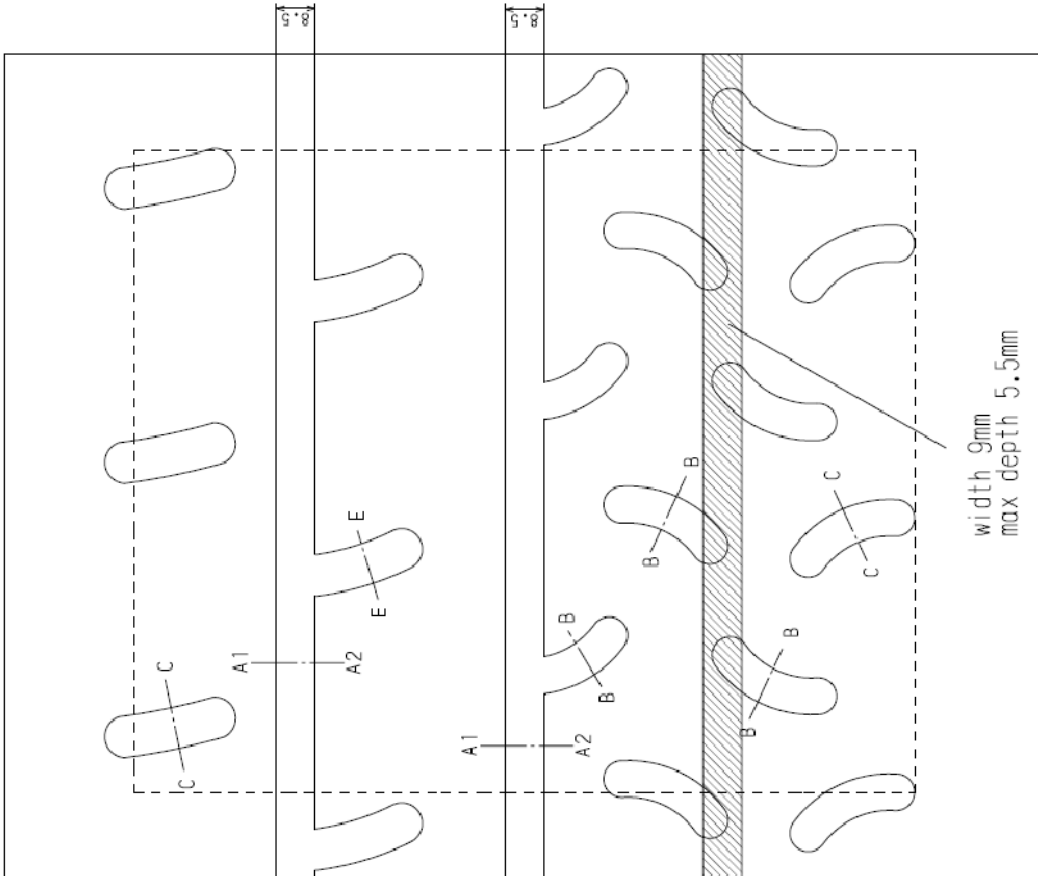
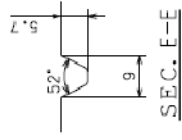
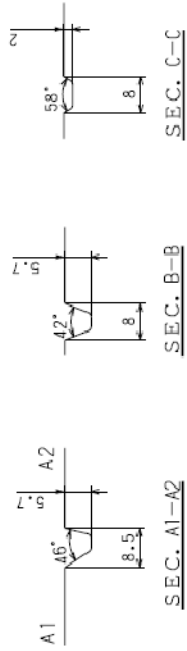
**PATTERN NAME
 A051A**

**PRODUCT NAME
 YOKOHAMA ADVAN A051T**

SIZE 210/650R18



HAND-CUT GROOVE RECOMMENDATION



In the control area
5.5mm grooves-18.1%
Total grooves-22.2%
----- Control area 170X140

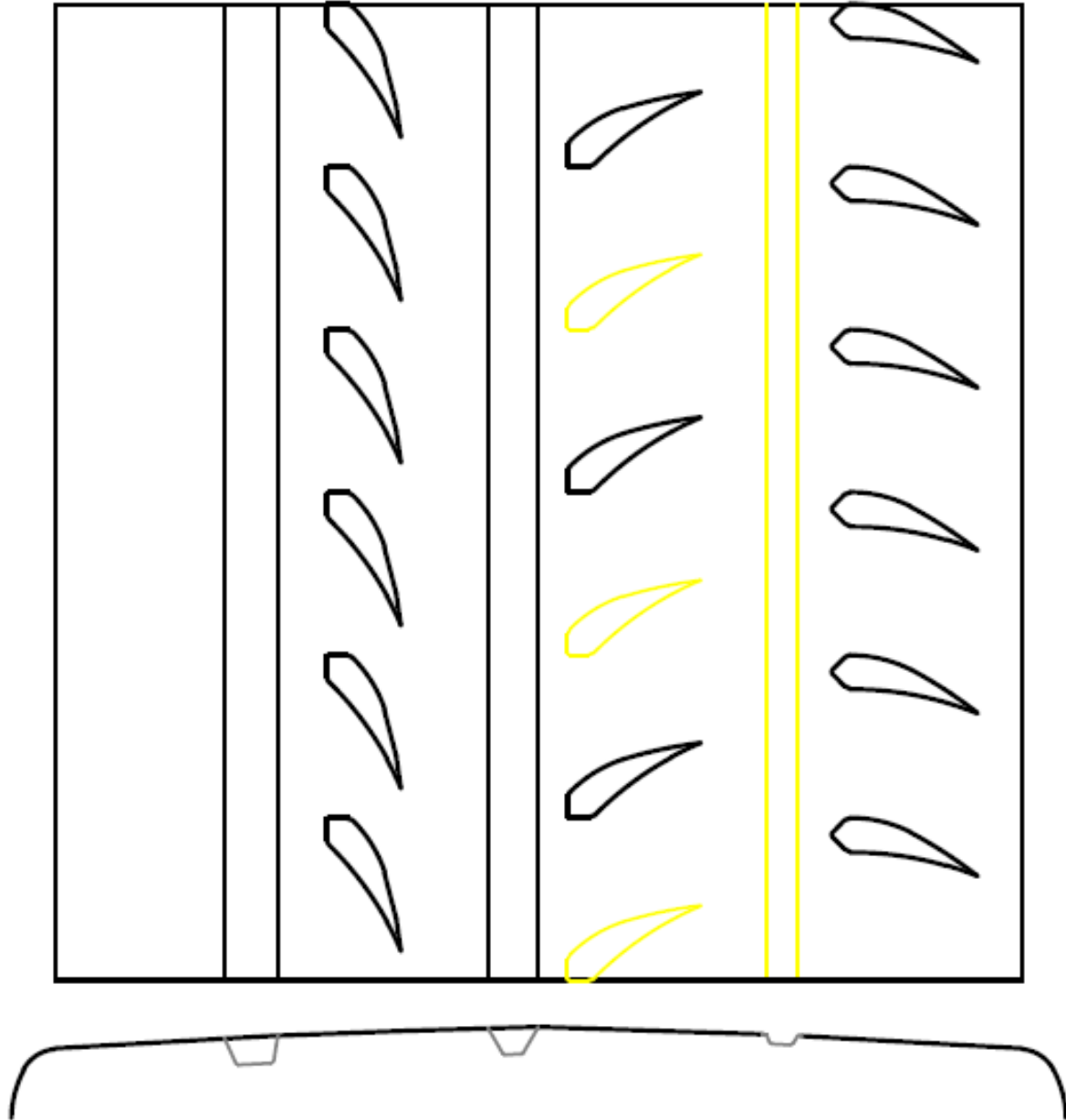
Tyre weight 9.7kg

PRODUCT NAME
YOKOHAMA ADVAN A051T

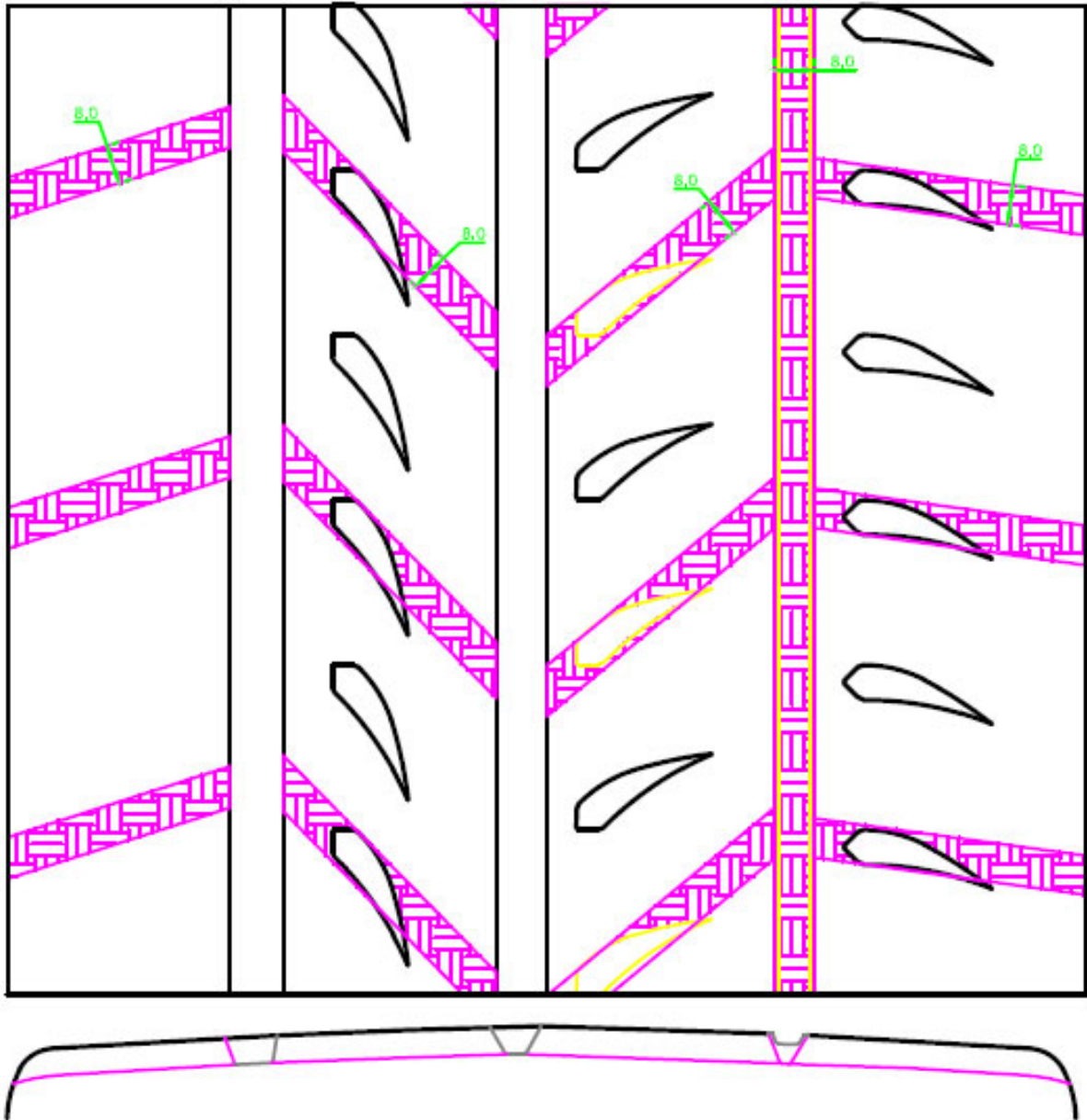
PATTERN NAME
A051A

SIZE 210/650R18

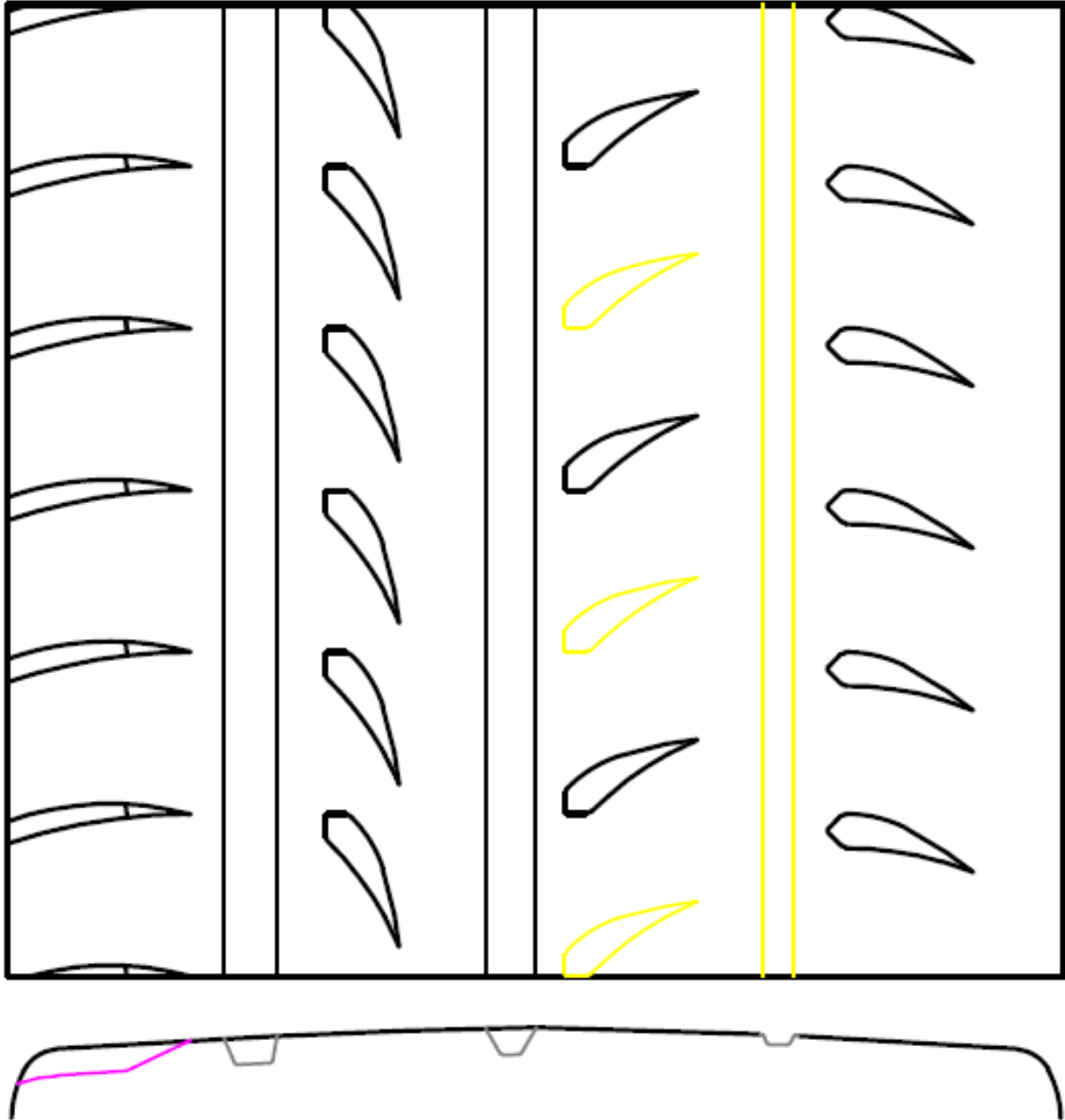
DMT RC2



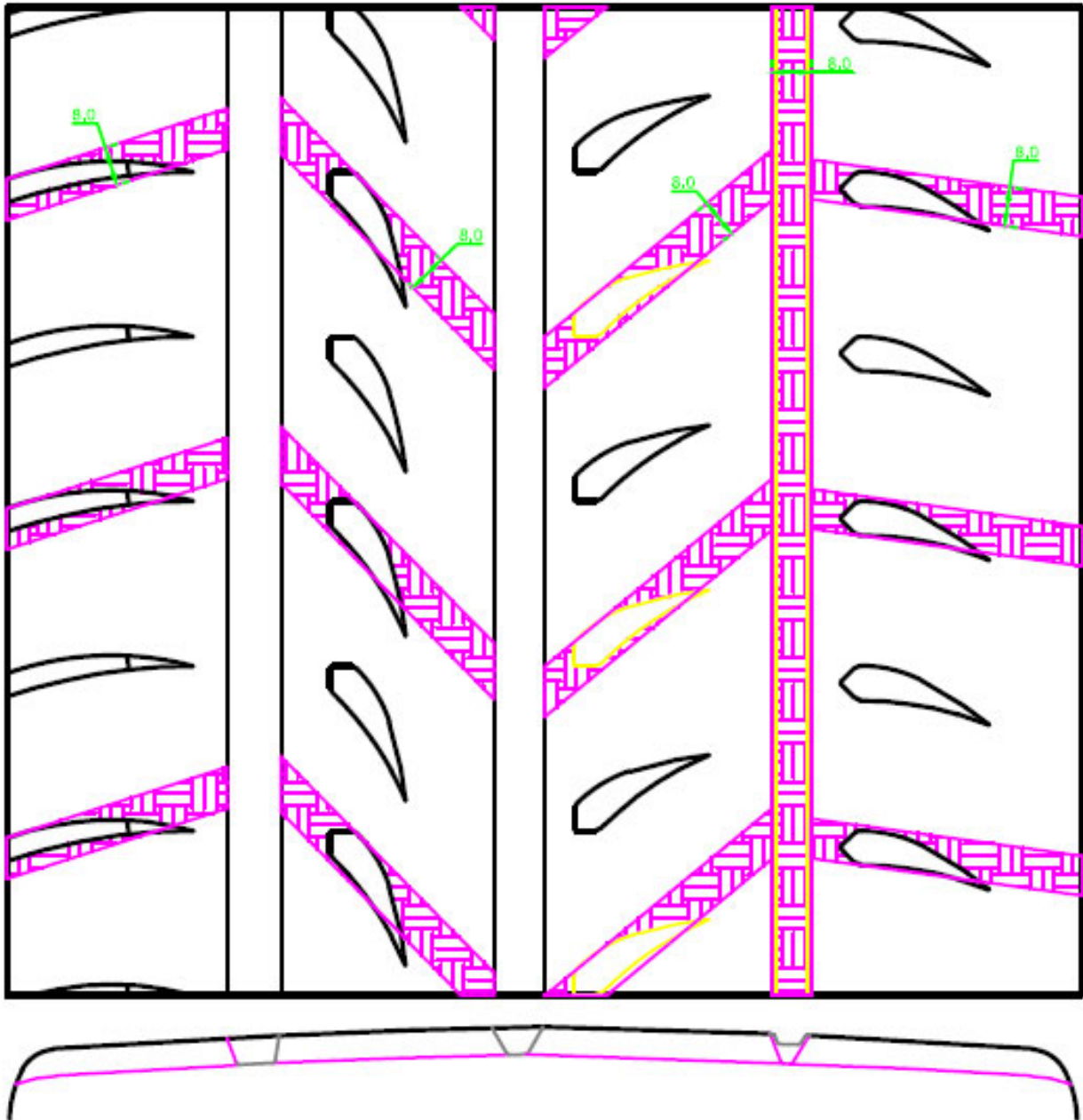
DMT RC2 Wet Cut



DMT RC22



DMT RC22 Wet Cut





MRF

	235/40 R18 ZTA		235/40 R18 ZTA HC-1 LIGHT RAIN
	235/40 R18 ZTA		235/40 R18 ZTA HC-2 LIGHT RAIN

<p>235/40R18 ZTA TL - PATTERN HAND CUT AWET</p> <p>235/40R18 ZTA TL - HC-1 LIGHT RAIN</p> <p>235/40R18 ZTA TL - HC-2 LIGHT RAIN</p>	<p>DATE: 05/02/2025</p> <p>DESIGNER: [Signature]</p> <p>CHECKER: [Signature]</p> <p>SCALE: 1:1</p> <p>NO. OF SHEETS: 11</p> <p>SHEET NO: 01</p>
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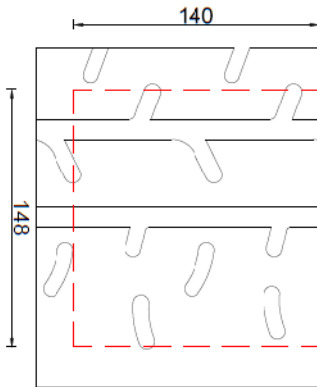


MRF

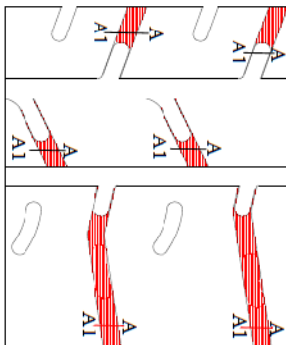


205/45 R17 Tarmac Rally - Hand Cut Pattern for Wet

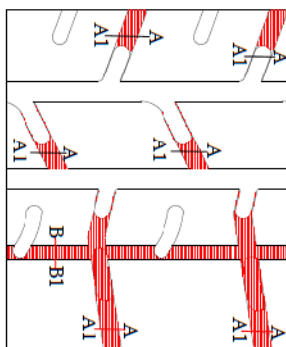
Dry Pattern
Groove Ratio > 17%



Light Rain
Groove Ratio > 27.5%



Heavy Rain
Groove Ratio > 32.5%



Control area 148 x 140 mm (Dotted Line)

SECTION: A-A1

SECTION: B-B1

A-A1 - 10 mm
B-B1 - 8 mm

Hand Cut Groove Portion

CLASS 8"
RIM 7.0"

<small>Technical drawing of a hand cut wet pattern for a tire tread. The drawing shows the dry pattern, light rain pattern, and heavy rain pattern. The dry pattern has a groove ratio > 17%. The light rain pattern has a groove ratio > 27.5%. The heavy rain pattern has a groove ratio > 32.5%. The control area is 148 x 140 mm (dotted line). The groove width is 140 mm and the control area width is 148 mm. The drawing is for a 205/45 R17 Tarmac Rally tire. The hand cut groove portion is shown in red hatching. The groove depth is 10 mm (A-A1) and the sipe depth is 8 mm (B-B1). The drawing is for a Class 8" tire with a 7.0" rim.</small>	
NO. 1000	REV. 01
DATE: 01/10/2025	BY: [Signature]
DESIGNED BY: [Signature]	CHECKED BY: [Signature]
APPROVED BY: [Signature]	DATE: 01/10/2025
205/45 R17 Tarmac Rally - Hand Cut Wet Pattern CLASS 8" RIM 7.0"	
MRF Tyres Pvt. Ltd. 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200	

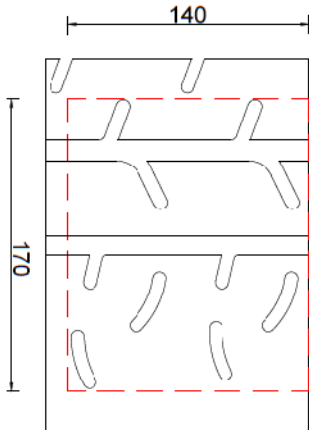


MRF

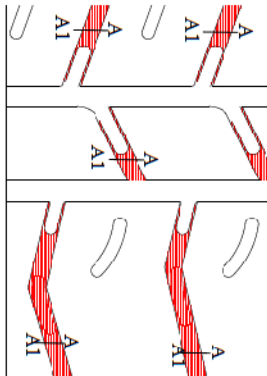


235/40 R18 Tarmac Rally - Hand Cut Pattern for Wet

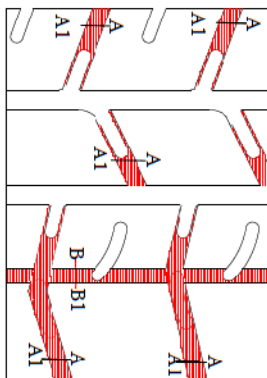
Dry Pattern
Groove Ratio > 17%



Light Rain
Groove Ratio > 27.5%



Heavy Rain
Groove Ratio > 32.5%



Control area 170 x 140 mm (Dotted Line)

SECTION: A-A1

SECTION: B-B1

A-A1 - 10 mm
B-B1 - 8 mm

Hand Cut Groove Portion

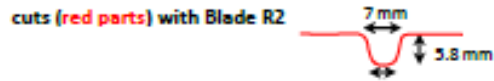
CLASS 9"
RIM 8.0"

ITEM NO.	DESCRIPTION	UNIT	QTY
1	235/40R18 ZTA T-C HAND CUT WET PATTERNS	EA	1
<p>235/40R18 ZTA T-C HAND CUT WET PATTERNS</p>			
<p>CLASS 9" RIM 8.0"</p>			
<p>SECTION: A-A1 SECTION: B-B1</p>			
<p>A-A1 - 10 mm B-B1 - 8 mm</p>			
<p>Hand Cut Groove Portion</p>			
<p>CONTROL AREA 170 X 140 MM (DOTTED LINE)</p>			
<p>CLASS 9" RIM 8.0"</p>			
<p>235/40R18 ZTA T-C HAND CUT WET PATTERNS</p>			
<p>CLASS 9" RIM 8.0"</p>			
<p>SECTION: A-A1 SECTION: B-B1</p>			
<p>A-A1 - 10 mm B-B1 - 8 mm</p>			
<p>Hand Cut Groove Portion</p>			
<p>CONTROL AREA 170 X 140 MM (DOTTED LINE)</p>			
<p>CLASS 9" RIM 8.0"</p>			

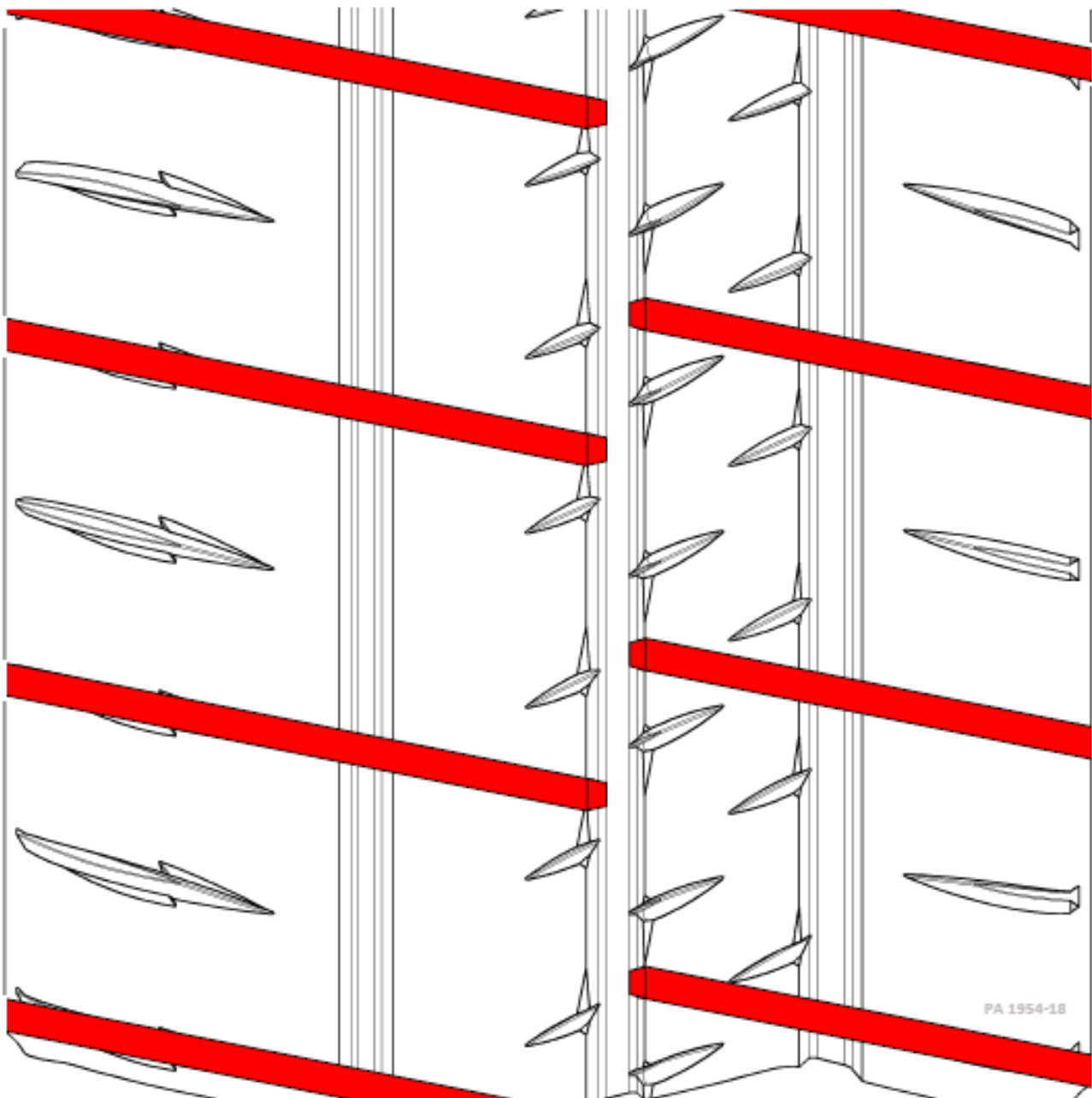


Category : GT Asphalt Rally
Dimension : 24 / 65 – 18 TL PILOT SPORT R
Cutting plan of Pilot Sport R tread pattern for RGT

Clermont-Ferrand the 20/05/2020



Extérieur véhicule

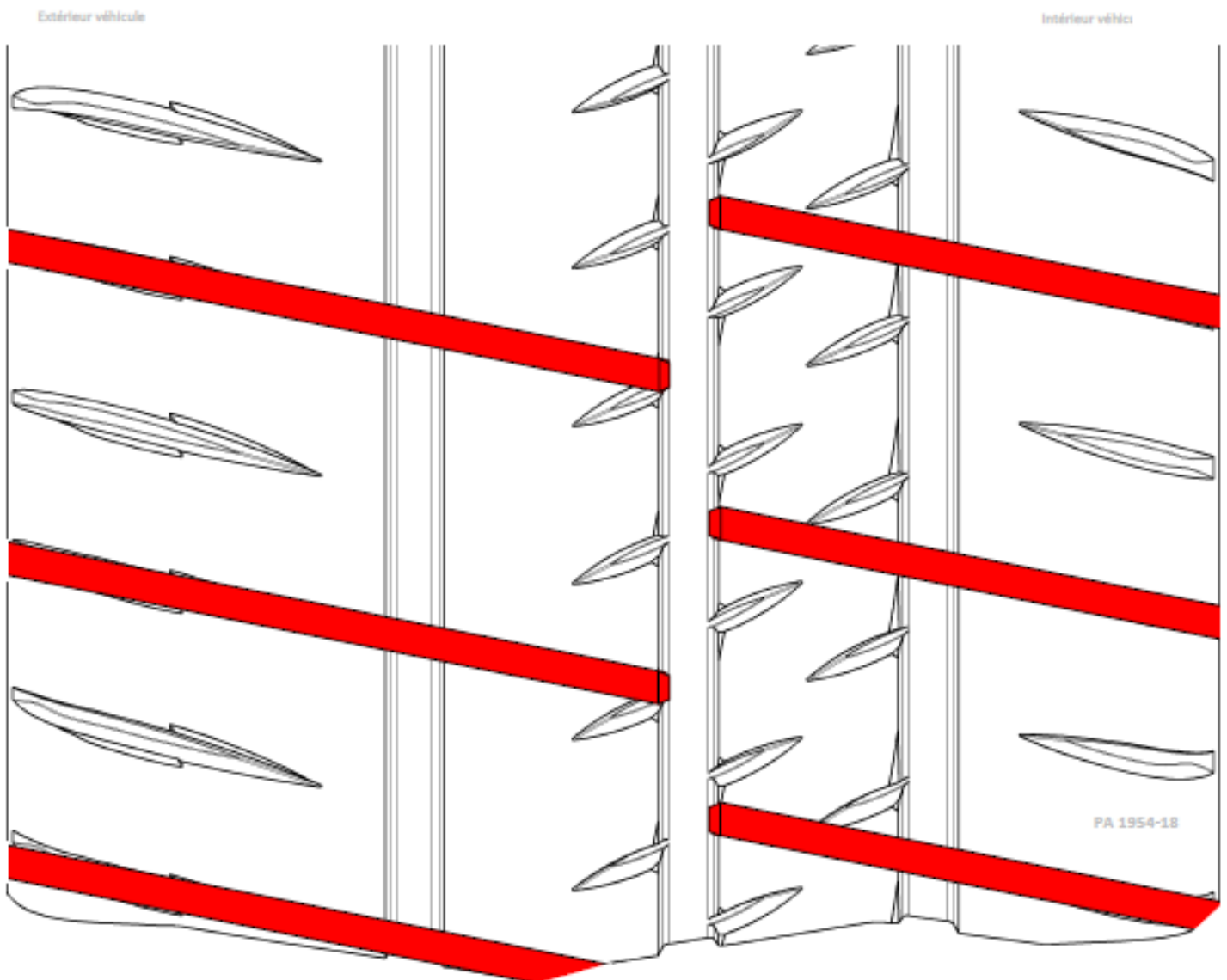
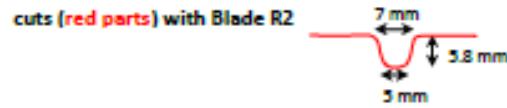


PA 1954-18



Catégorie : GT Asphalt Rally
Dimension : 29 / 65 – 18 TL PILOT SPORT R
Cutting plan of Pilot Sport R tread pattern for RGT

Clermont-Ferrand the 20/05/2020



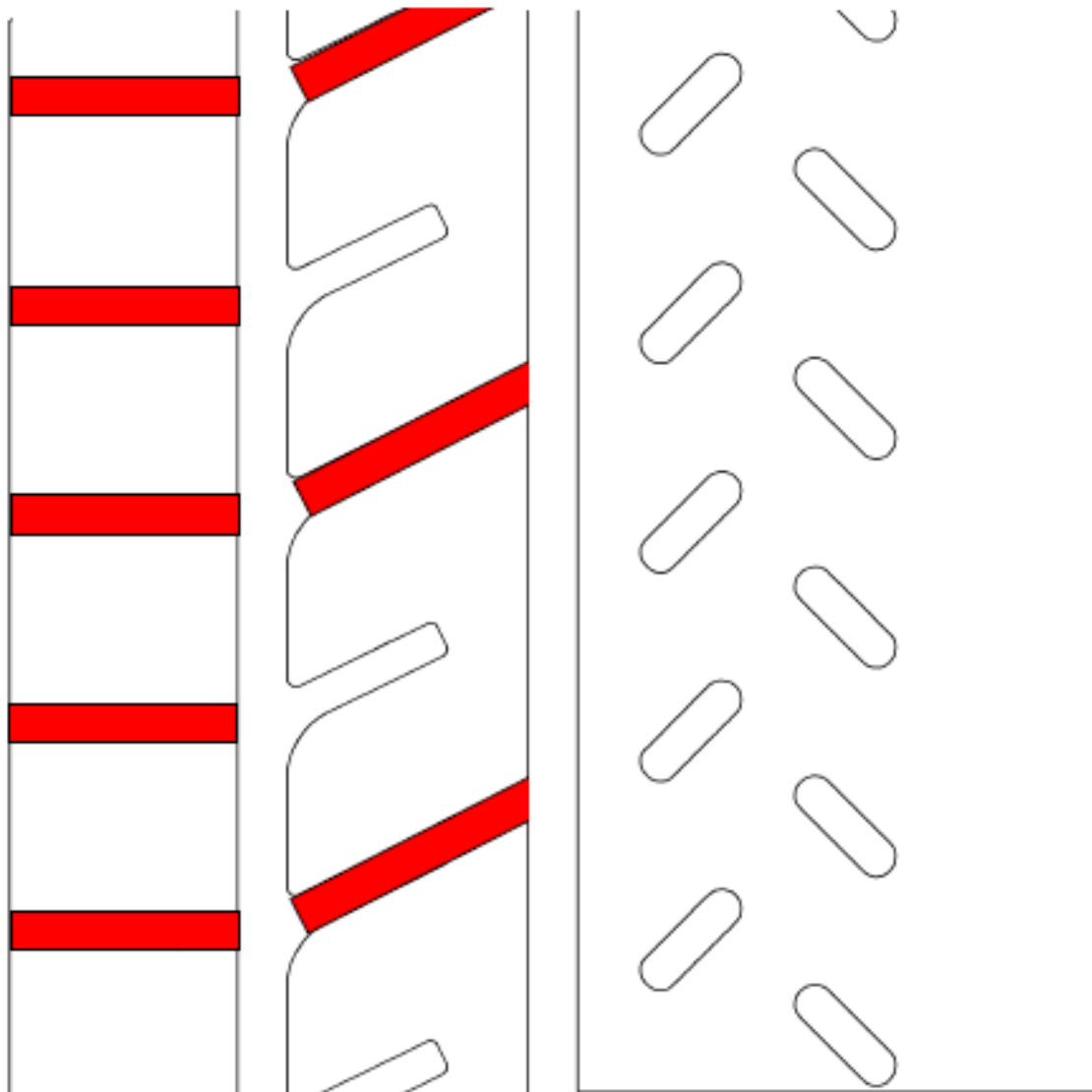
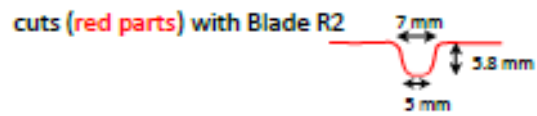


Category : Asphalt Rally

Clermont-Ferrand the 20/05/2020

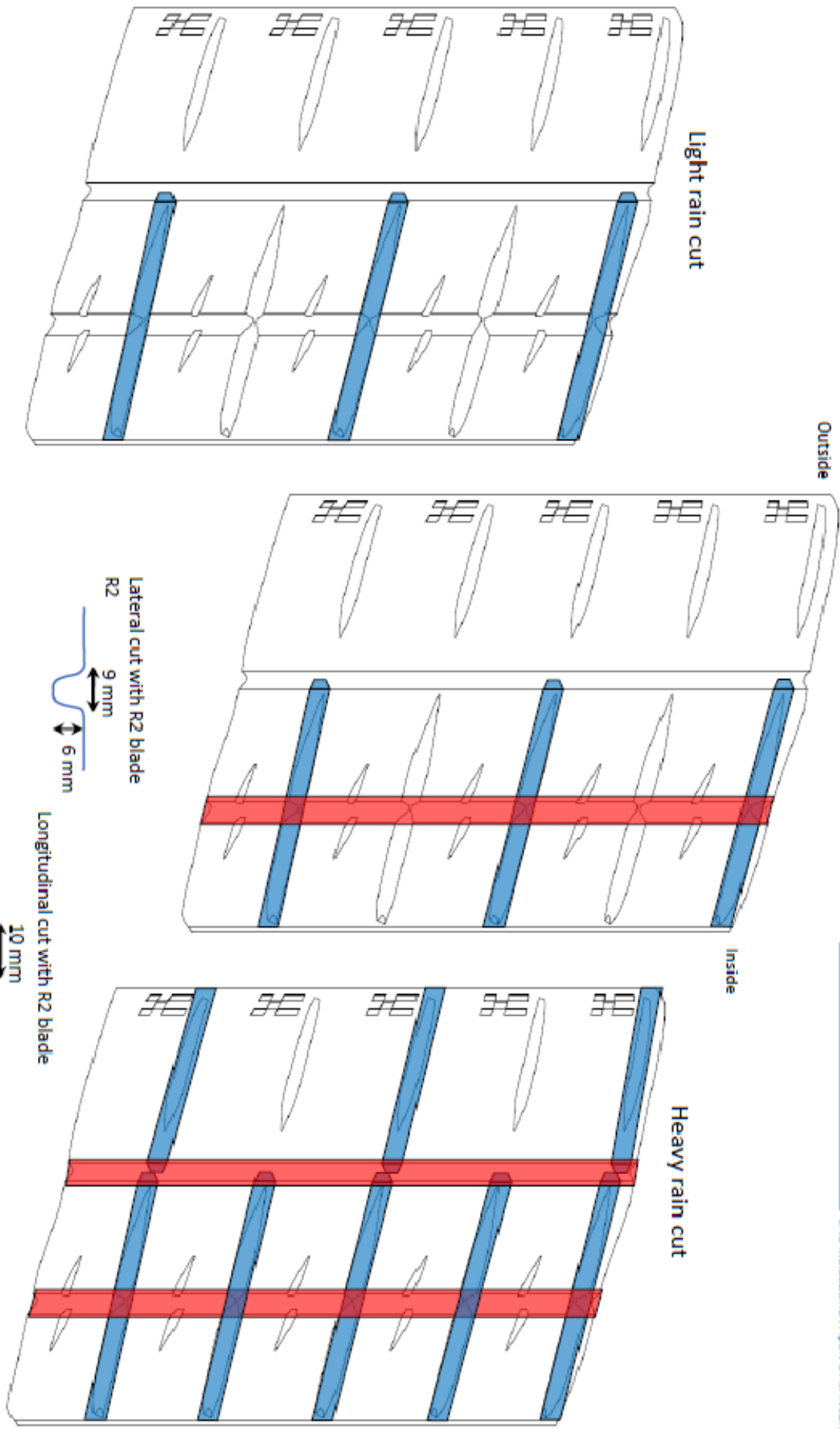
Dimensions : 20/65-18, 20/63/17, 19/63-17, 19/60-16, 20/58-15, 19/58-15, 16/57-14

Cutting plan of Pilot Sport R tread pattern



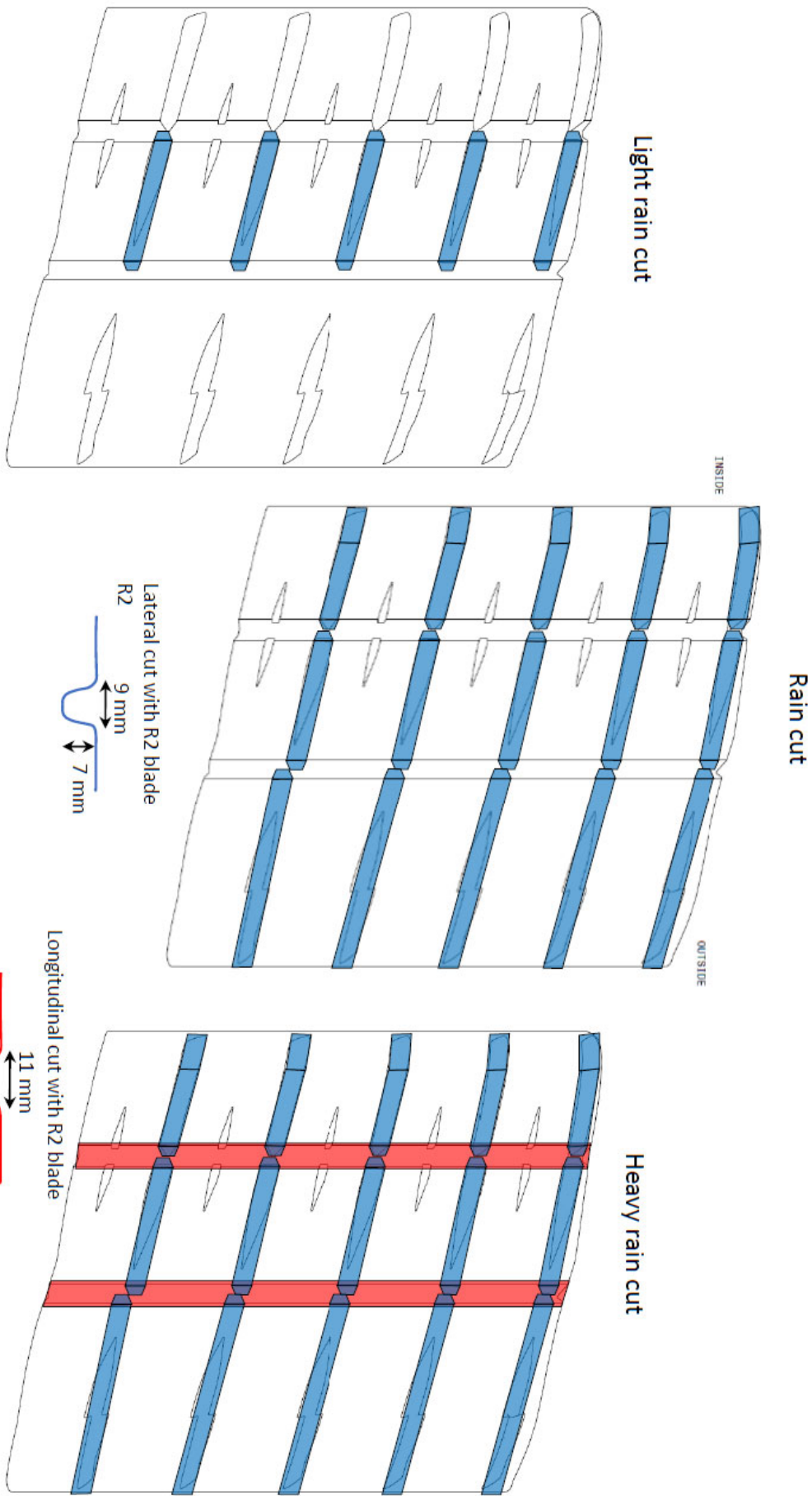
MICHELIN 19/60-16 & 19/63-17 TL PILOT SPORT PRO ^{RALLY} hand cut pattern

Clermont-Ferrand the 02/19/2023



MICHELIN 20/65-18 TL PILOT SPORT A hand cut pattern

Clermont-Ferrand the 02/19/2023



NEW 2024

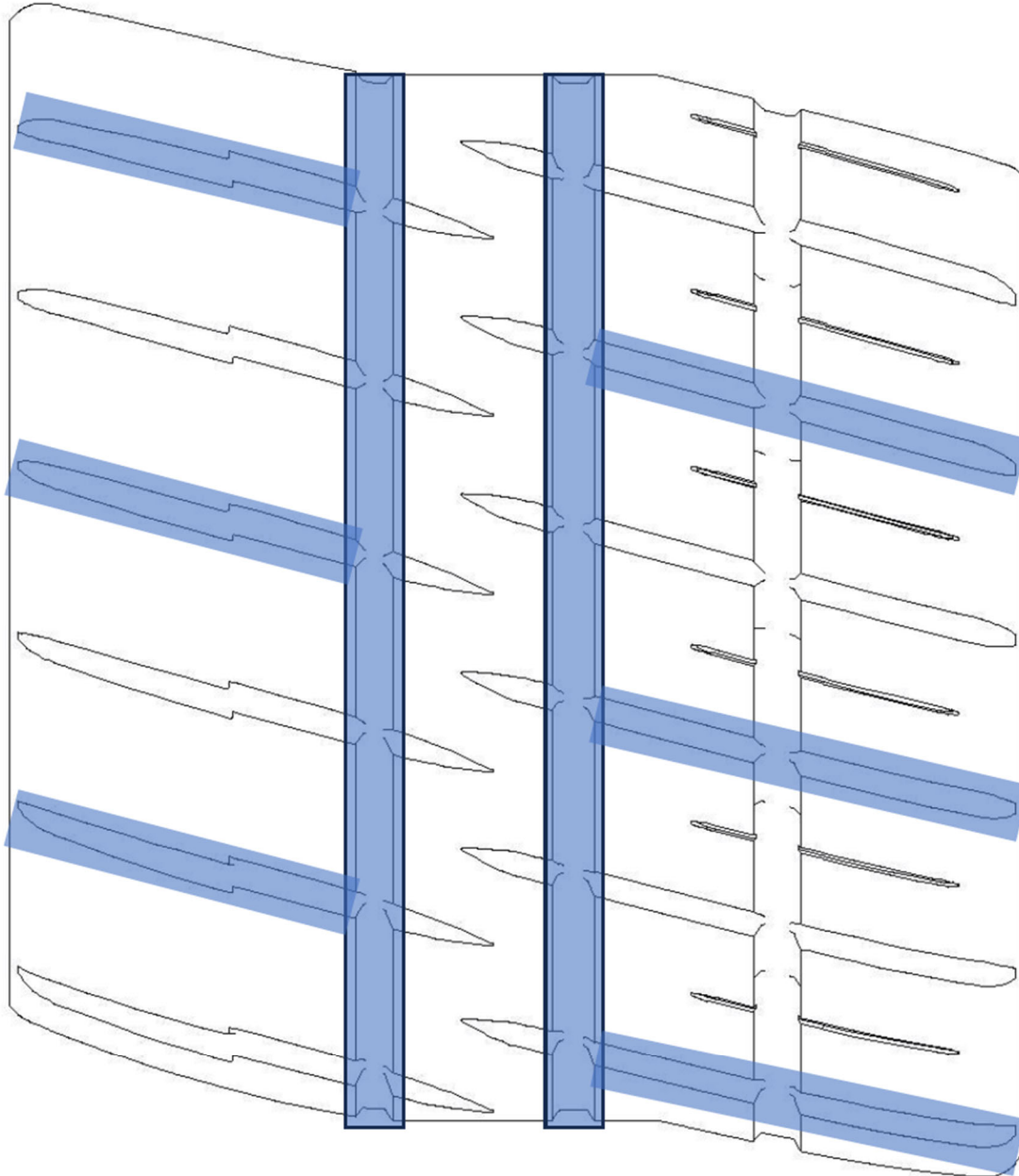
Domaine : Rallye Asphalte
Dimension : 20 / 65 - 18 TL Pilot Sport A MW1
Plan de cut



Clermont-Ferrand le 27/03/2024

Côté Extérieur véhicule

Côté Intérieur véhicule



W3 blade  5.8 mm
11 mm

NEW 2024

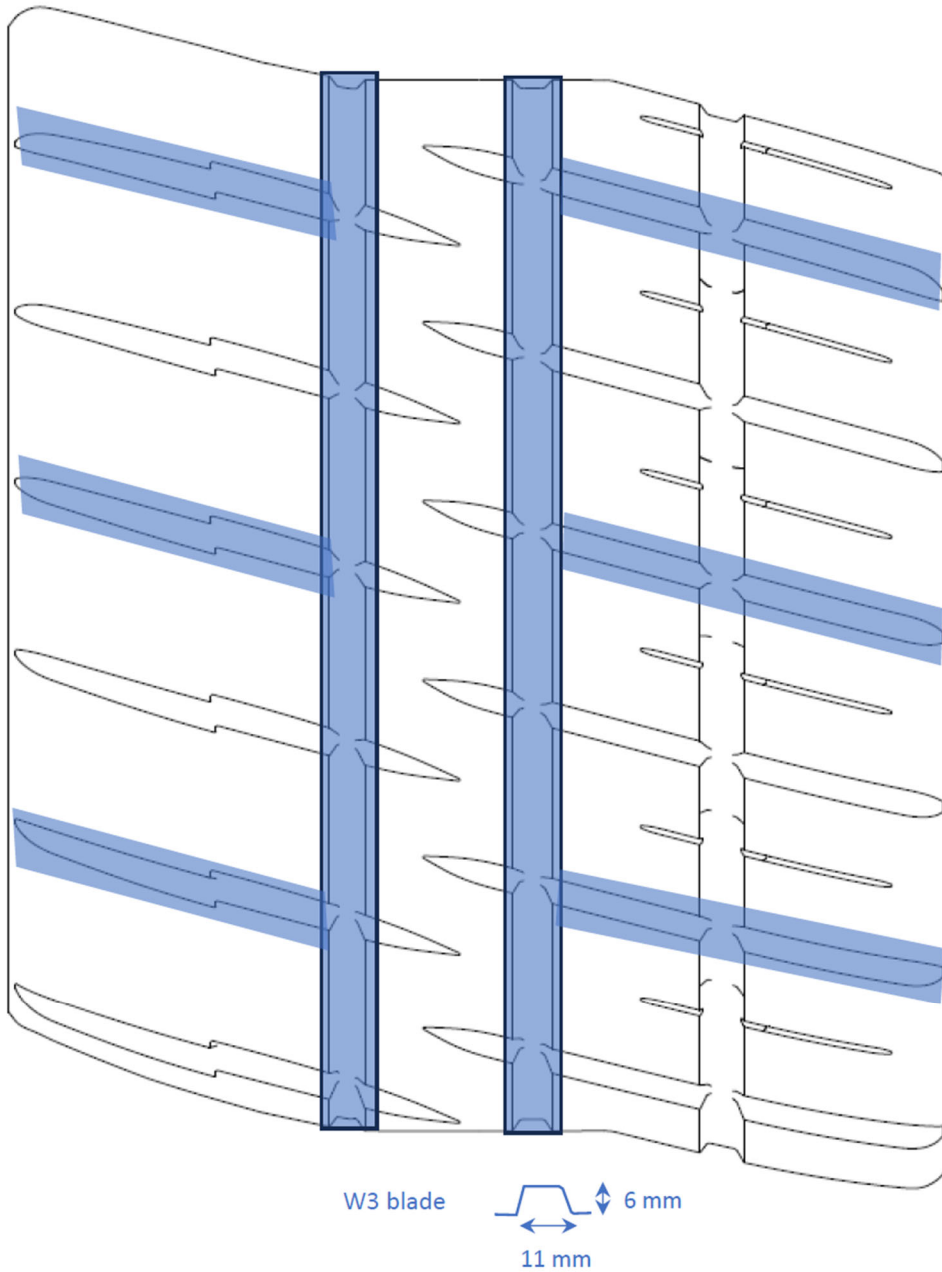
Domaine : Rallye Asphalte
Dimension : 19/60-16 TL Pilot Sport A MW1
Plan de cut



Clermont-Ferrand le 01/10/2024

Côté Extérieur véhicule

Côté Intérieur véhicule



NEW 2024

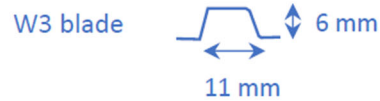
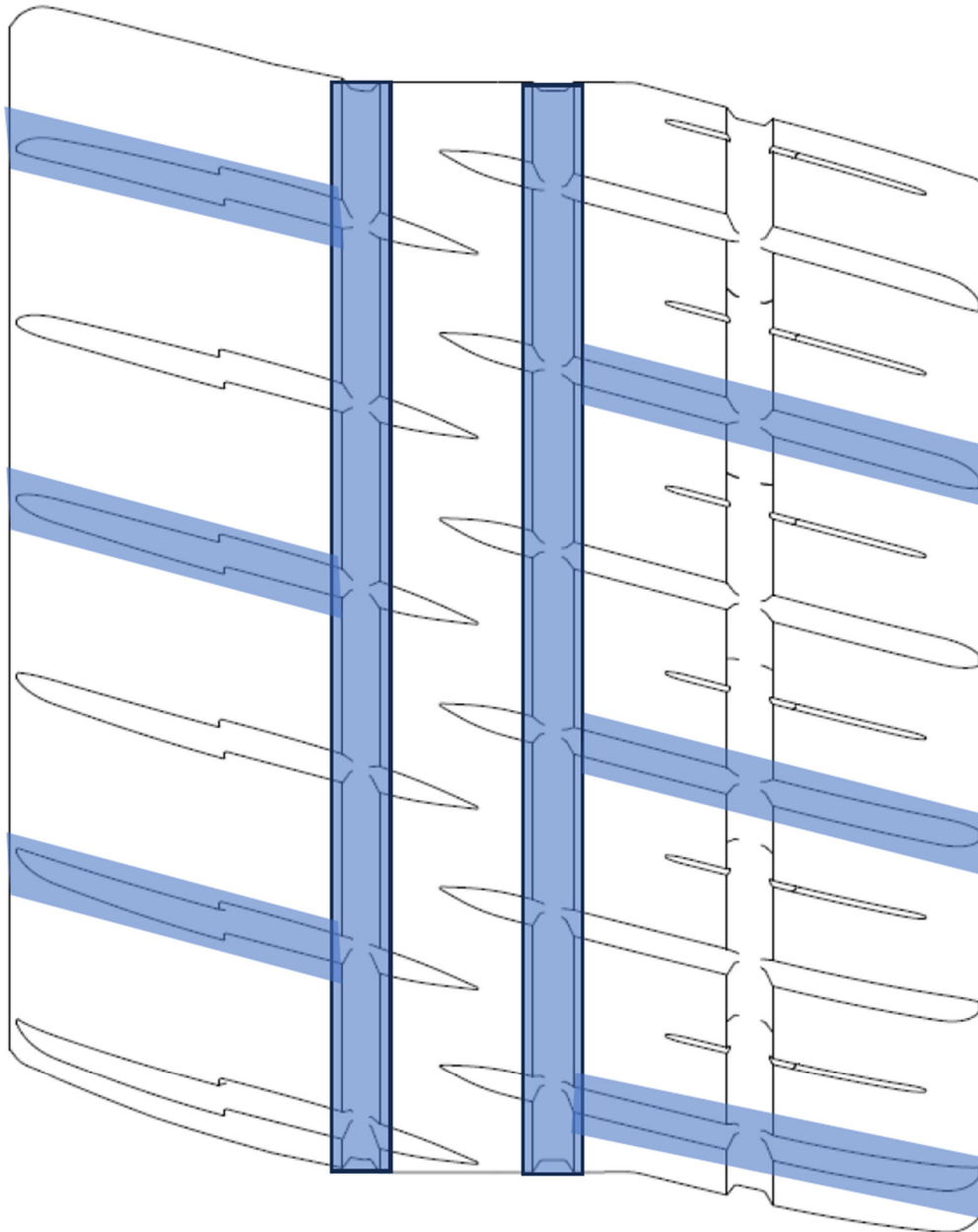
Domaine : Rallye Asphalte
Dimension : 19/63-17 TL Pilot Sport A MW1
Plan de cut



Clermont-Ferrand le 01/10/2024

Côté Extérieur véhicule

Côté Intérieur véhicule



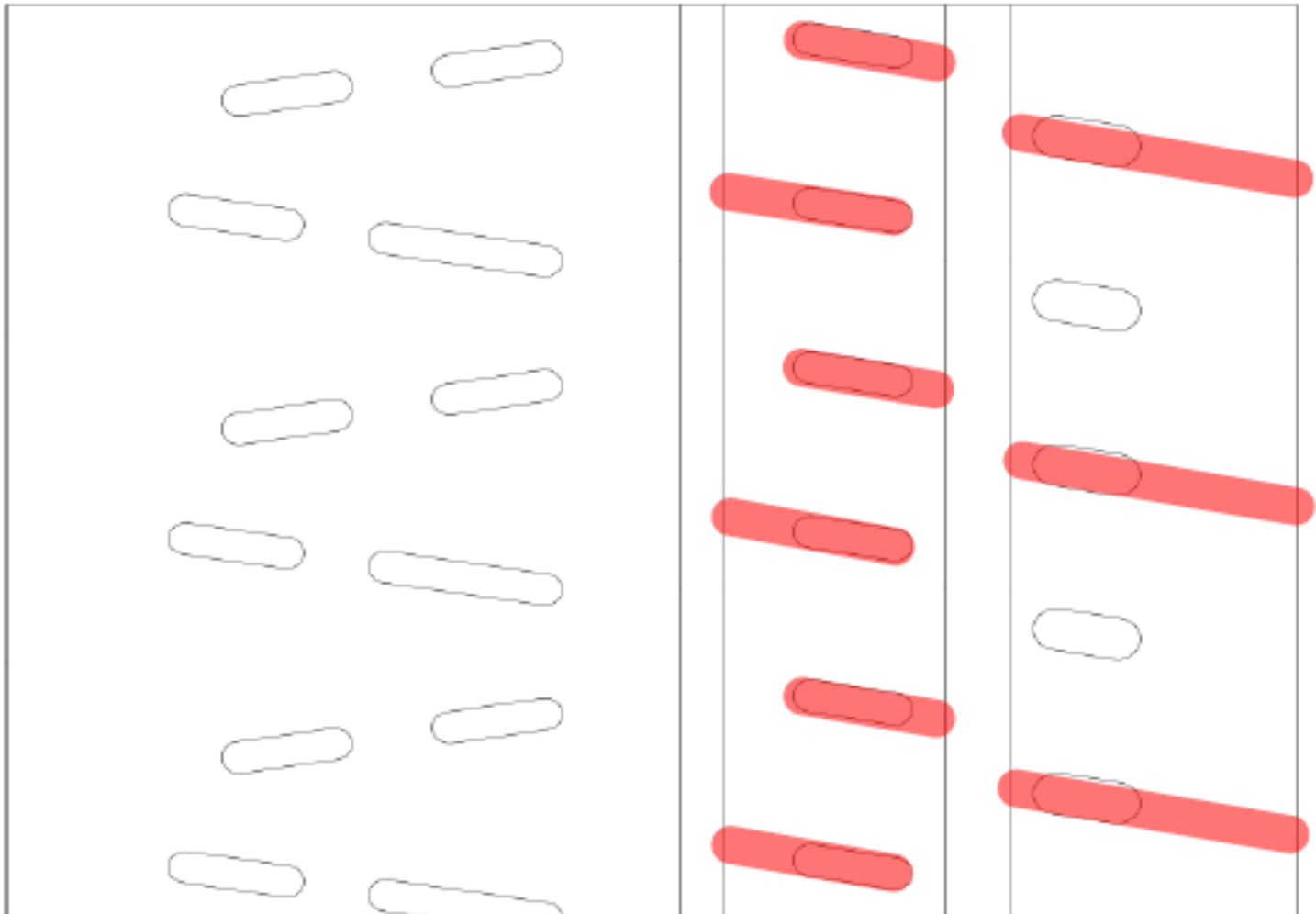


235/40R18 PZERO RA
205/45R17 PZERO RA
195/50R16 PZERO RA

Cut 1 for Damp conditions



W = 6 mm
D = 6 mm
Blade R2



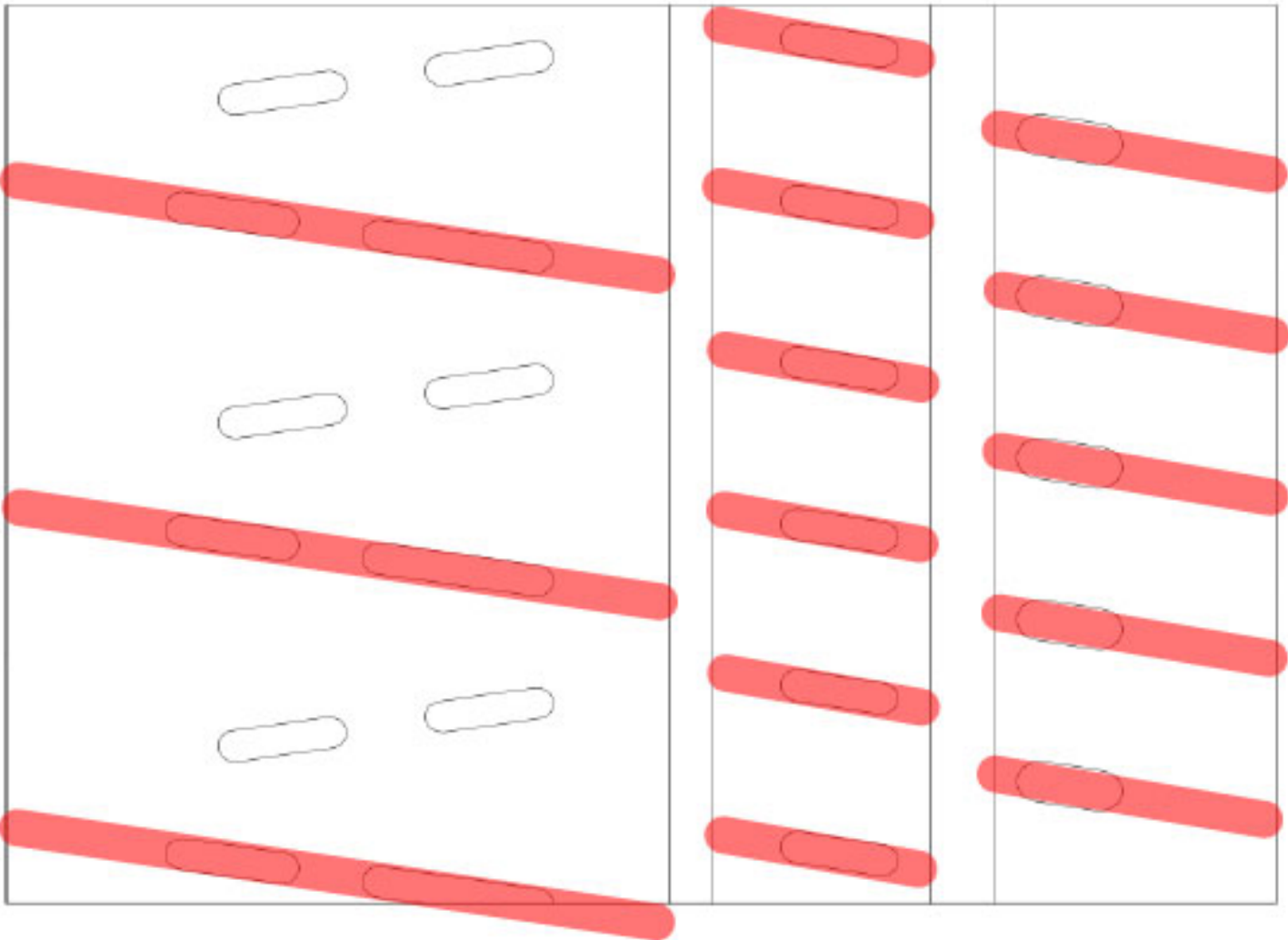


235/40R18 PZERO RA
205/45R17 PZERO RA
195/50R16 PZERO RA

Cut 3 for Wet conditions



W = 6 mm
D = 6 mm
Blade R2





235/40R18 CINTURATO RW
205/45R17 CINTURATO RW
195/50R16 CINTURATO RW

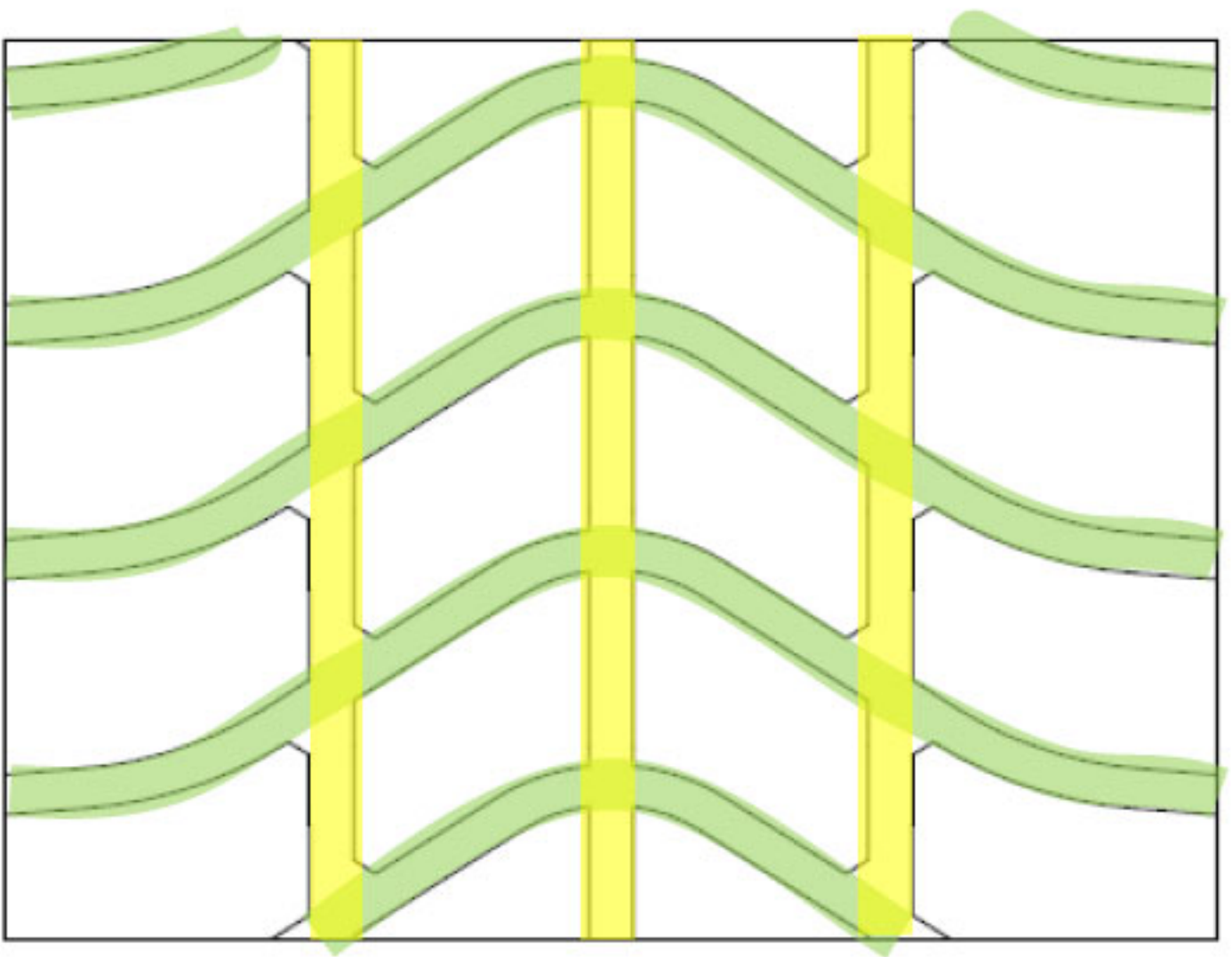
Cut 4 for Wet conditions with standing water on the stage



W = 8 mm
D = 7 mm
Blade W4



W = 6 mm
D = 7 mm
Blade R3

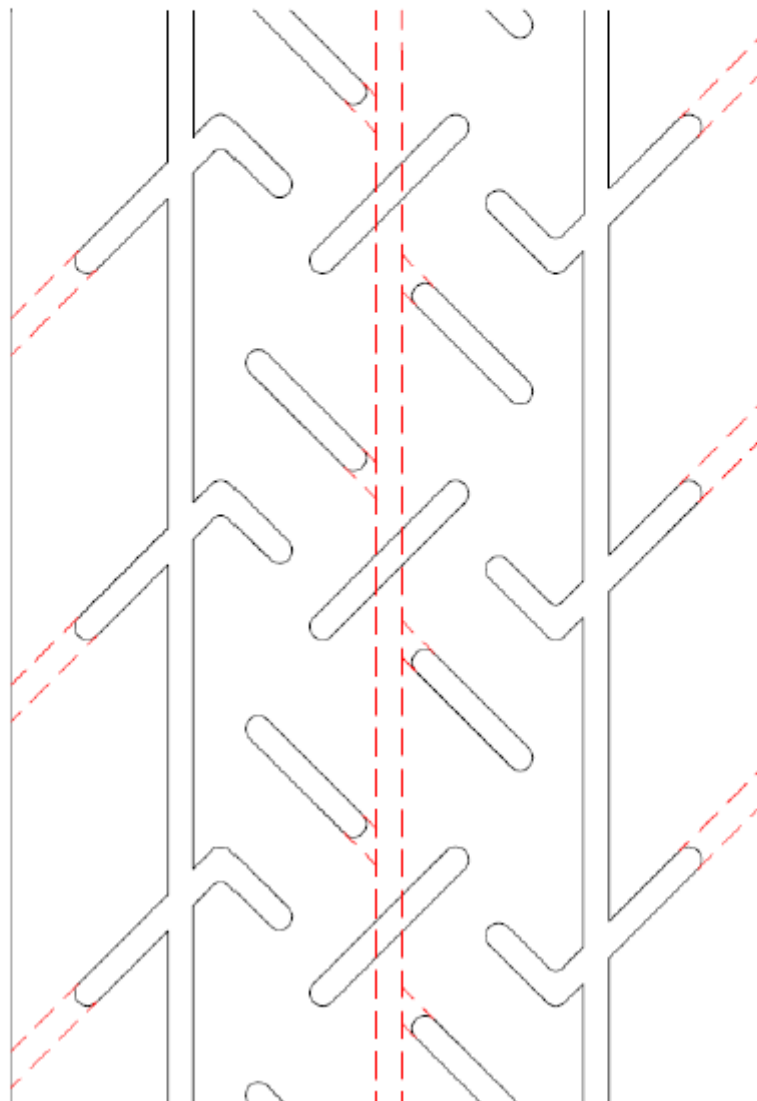




Tarmac Rally tire hand cut pattern for wet

(Cut red marked area)

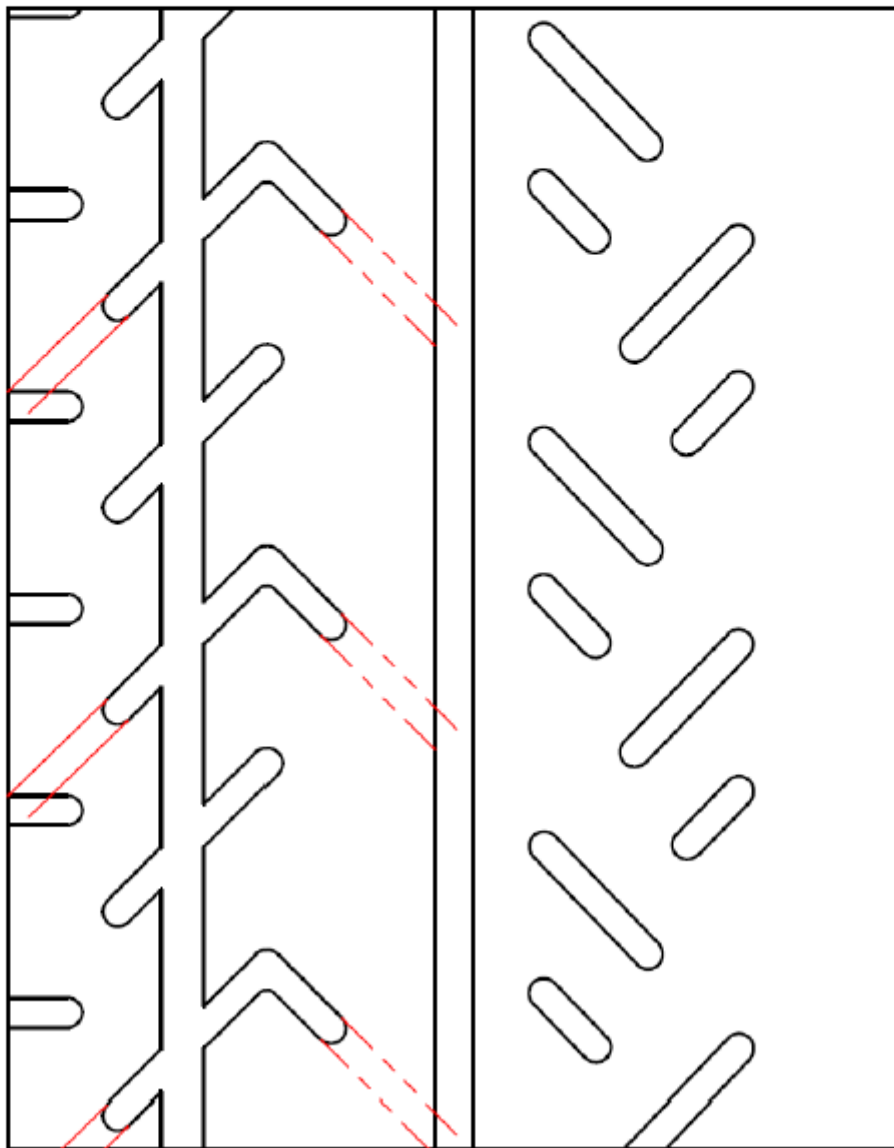
**195/50R13 (200/530R13), 225/45R13 (220/530R13),
195/50R15, 225/45R15**





Tarmac Rally tire hand cut pattern for wet
(Cut red marked area)
195/50R16, 195/50R17, 225/40R18

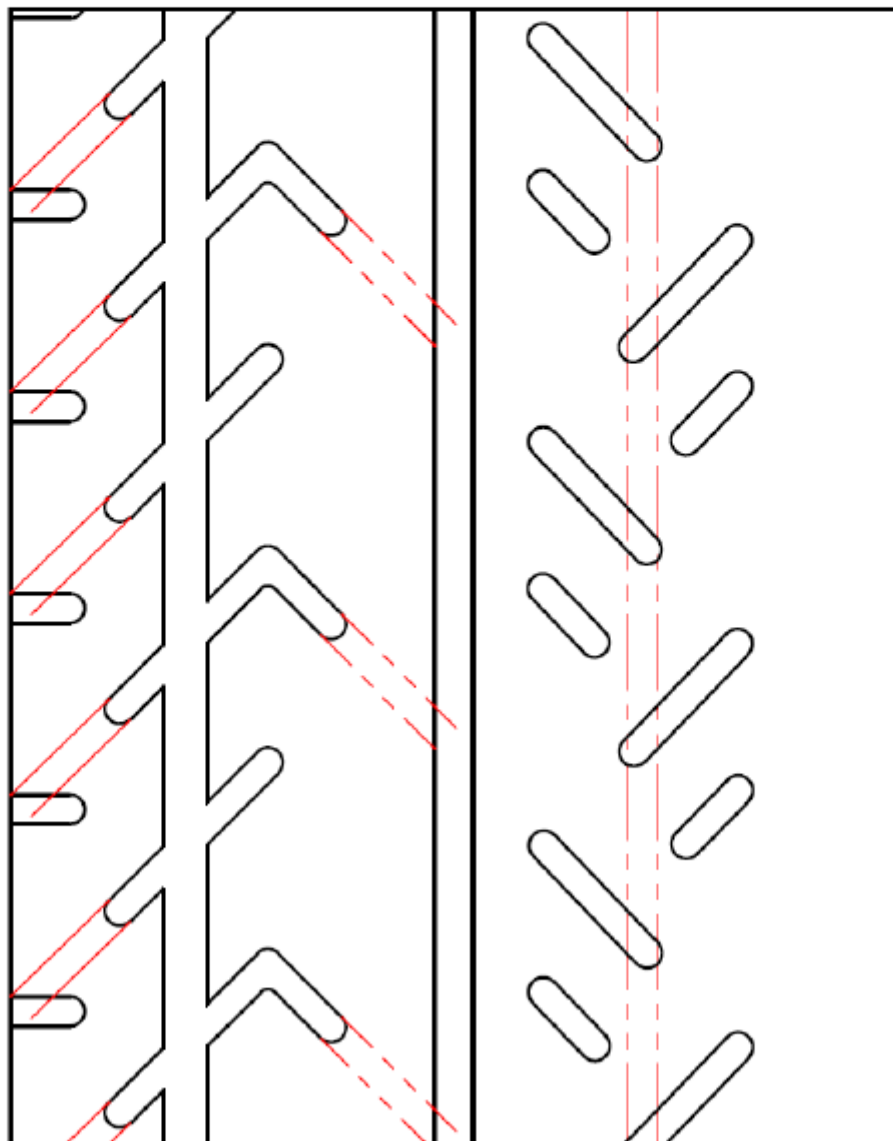
Light Rain





Tarmac Rally tire hand cut pattern for wet
(Cut red marked area)
195/50R16, 195/50R17, 225/40R18

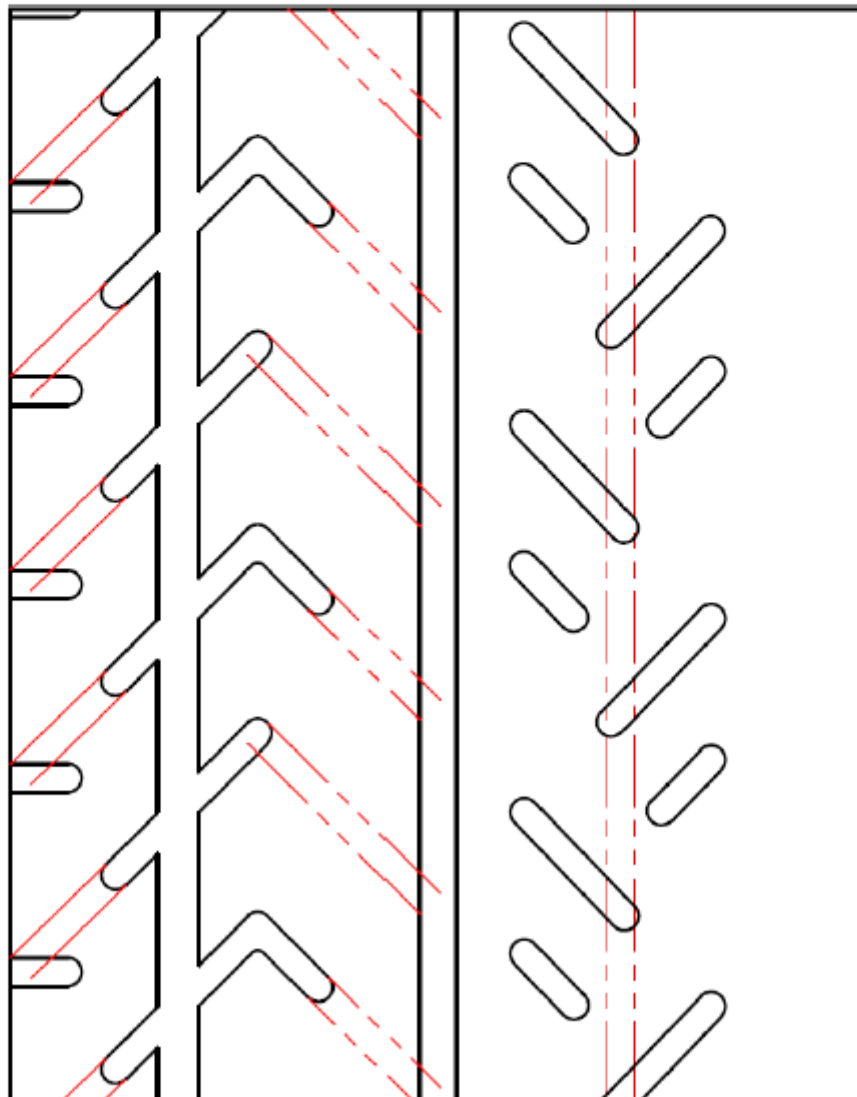
Medium Rain





Tarmac Rally tire hand cut pattern for wet
(Cut red marked area)
195/50R16, 195/50R17, 225/40R18

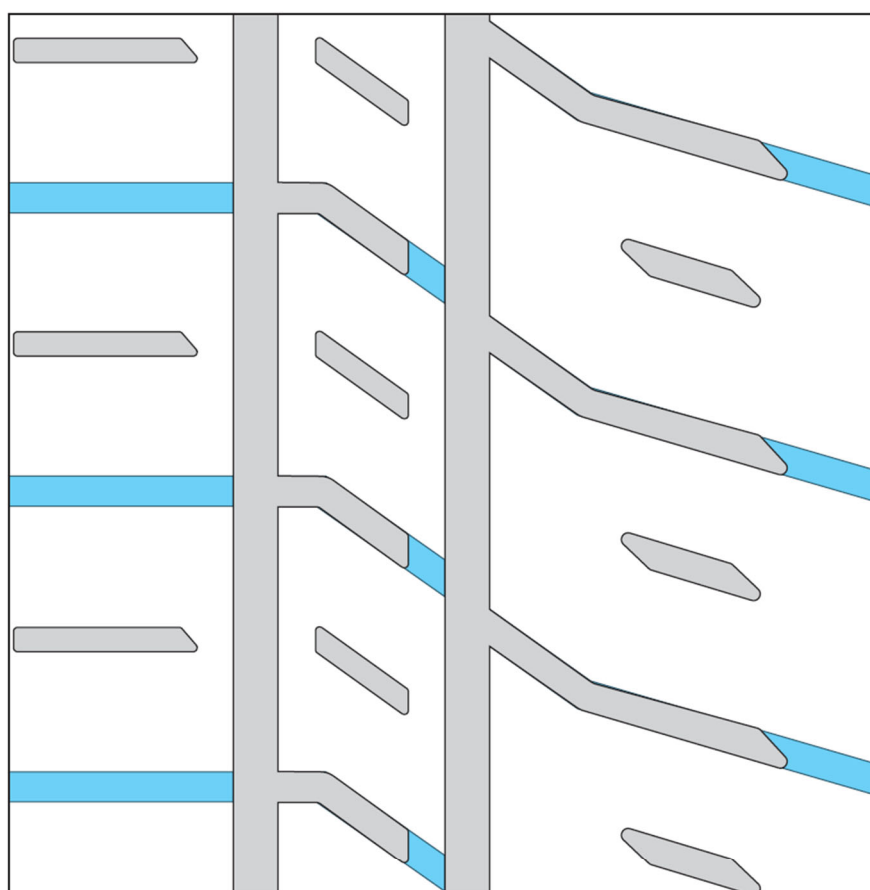
Heavy Rain




EXTREME VRC

20/54-13, 19/58-15, 19/60-16, 20/65-18, 27/66-18, 28/66-18

Hand-cut pattern: damp

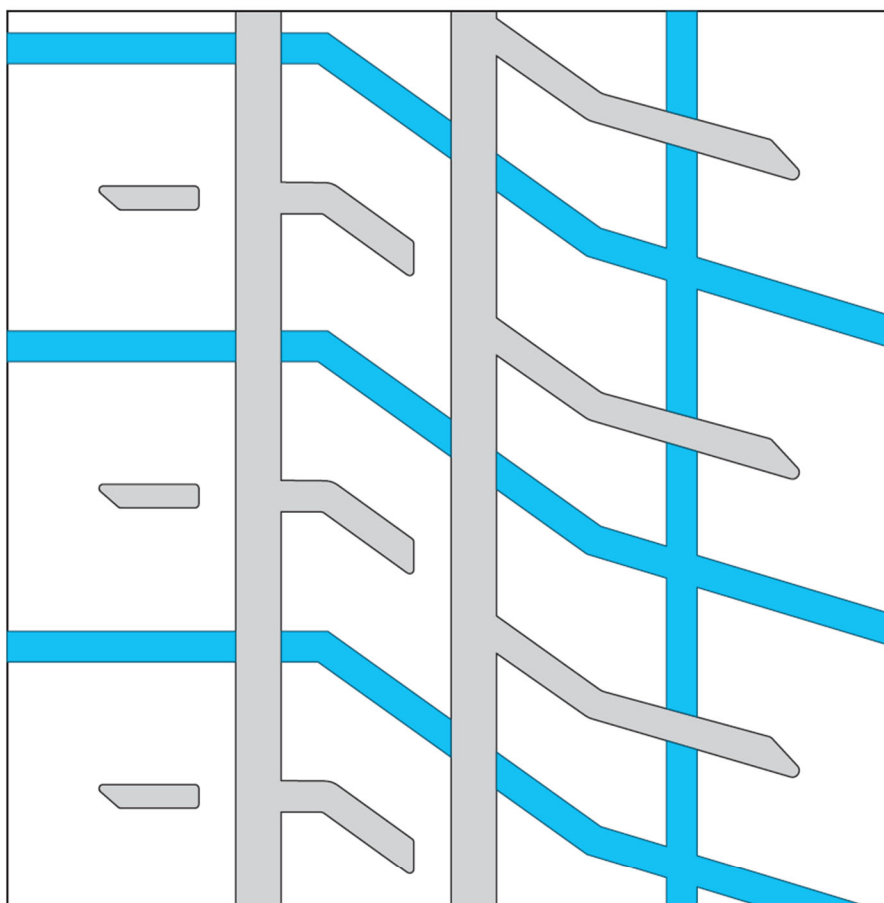



 groove: 9mm width; 6,5mm depth

EXTREME VRC

20/54-13, 19/58-15, 19/60-16, 20/65-18, 27/66-18, 28/66-18

Hand-cut pattern: extra wet

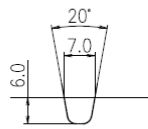
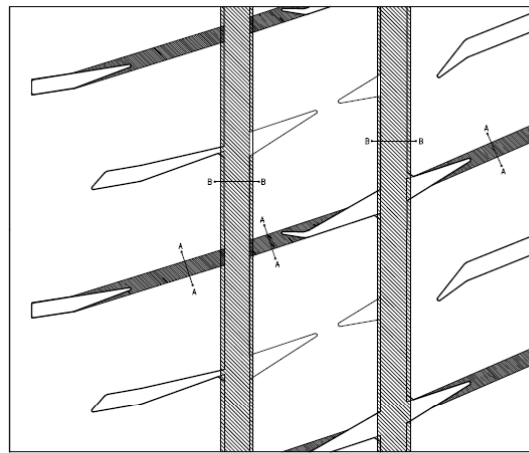
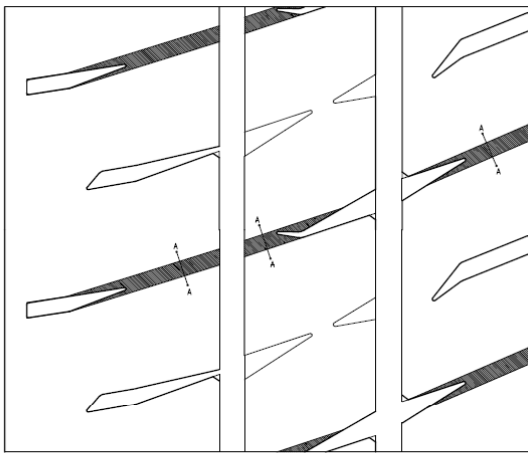


 groove: 9mm width; 6,5mm depth

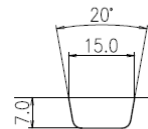


RAIN CUT

HEAVY RAIN CUT



A-A

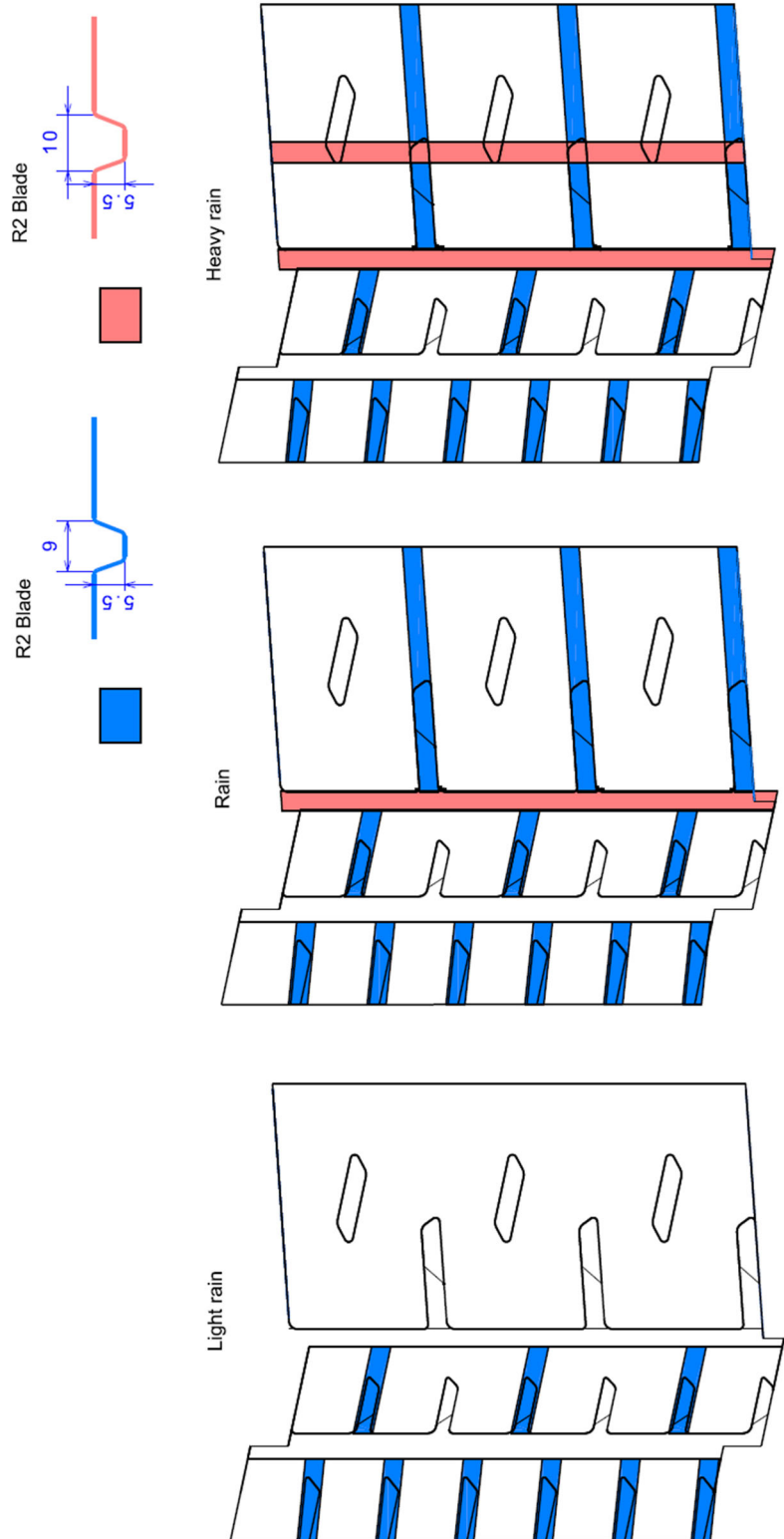


B-B

CUT WET PATTERN	 SUMITOMO RUBBER INDUSTRIES,LTD. MOTOR SPORTS DEPARTMENT	Size • Pattern
		210/650R18
		190/625R17
		DIREZZA 301R

HANKOOK Ventus Z215 Recut guide

Sizes: 210/650R18, 190/630R17, 190/600R16



HANKOOK Ventus Z205 Recut guide

Sizes: 210/650R18, 210/625R17, 180/625R17, 180/600R16, 200/580R15, 190/580R15, 170/560R14

