

EUTPD II-I AT - SET 2

This document contains the technical Health Warning (HW) Template details of the specified component. It must be used with the Technical Artwork to create the final Good To Print (GTP). If details have to be amended, a new document version has to be created.

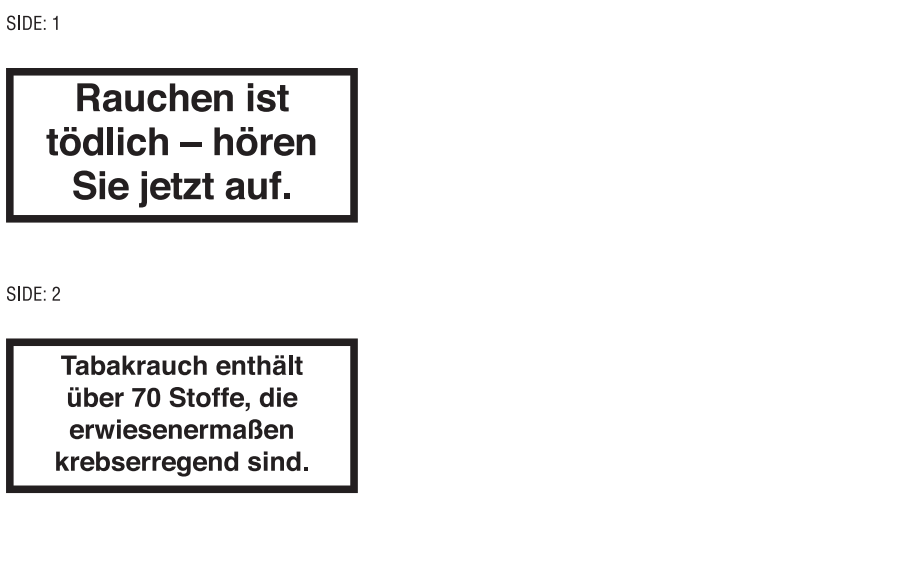
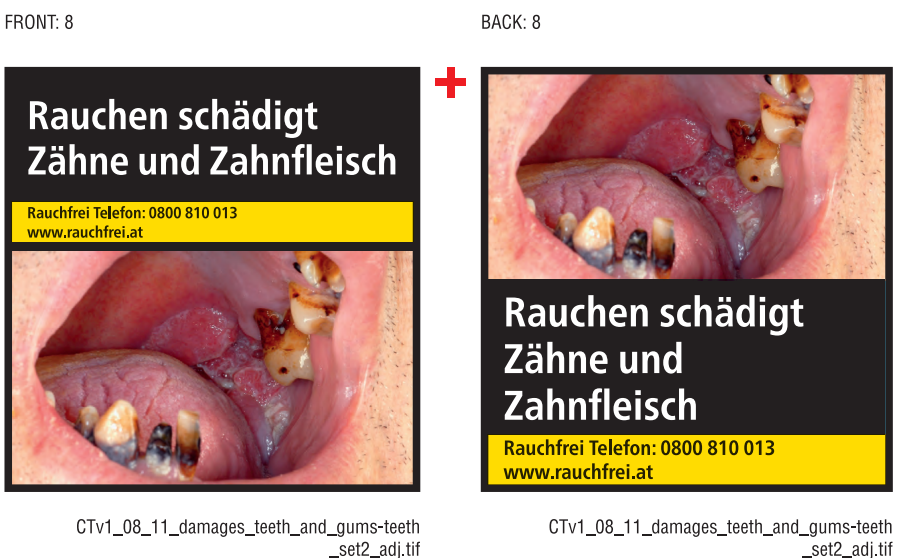
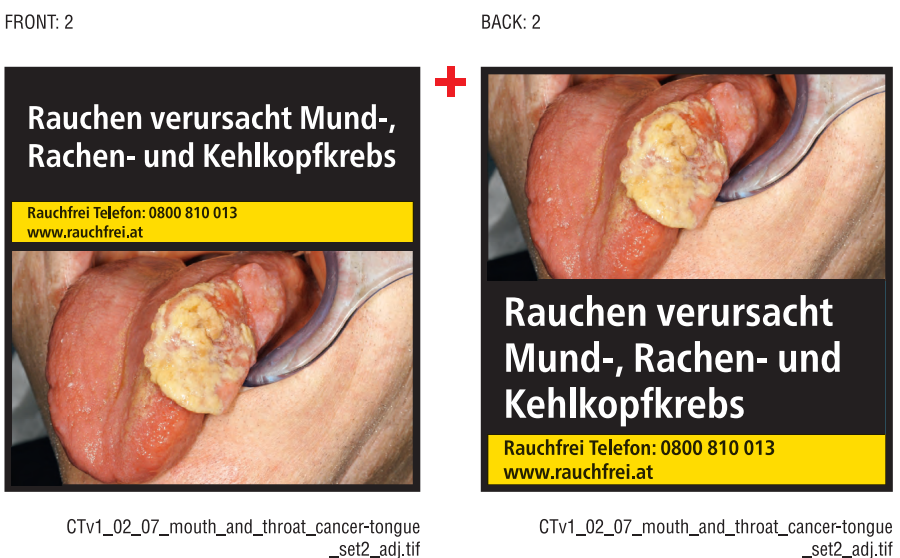
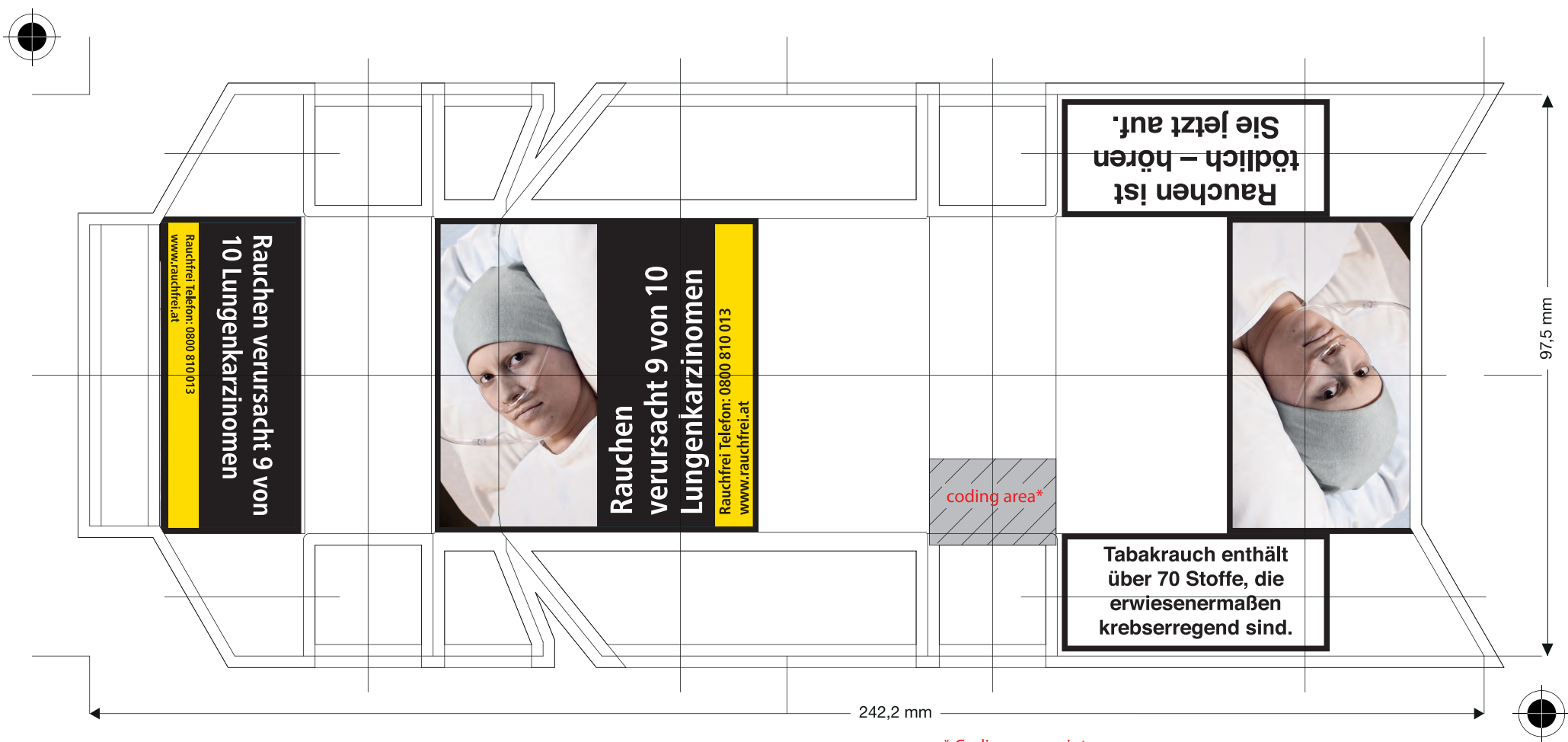
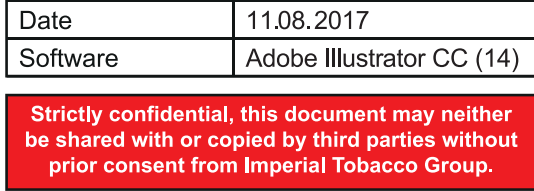
PRODUCT / PRINT DEVELOPMENT	
REEMTSA CIGARETTENFABRIKEN GmbH An Imperial Tobacco Group Company	
GRIDNET	
Gridnet	A03-0099-H
Scale	1:1
TEMPLATE REFERENCE	
HWT03-002064-A	

HW POSITION INFORMATION		
	Front CHW x 14	65% incl. - 1mm border
	Back CHW x 14	65% incl. - 1mm border
	Side TEXT x 2	50% incl. - 1mm border

TYPOGRAPHY		
	TEXT	MAXIMUM - 19.5pt
	PANEL(S)	MINIMUM - 11.7pt
FrutigerNeueLTW1G-CnBold (open type format)		
	CESSATION	MAXIMUM - 7.75pt
	PANEL(S)	MINIMUM - 6pt
FrutigerNeueLTW1G-CnBold (open type format)		
	Side	MAXIMUM - 14.5pt
	PANEL(S)	MINIMUM - 10pt
Helvetica Bold		
	Explanation	MAXIMUM - 8.25pt
	TEXT(S)	MAX KEYLINE - 0.65pt
FrutigerNeueLTW1G-CnBold (open type format)		

EXTRA INFORMATION

+ Indicates a print relationship.





CHW CALCULATION

This document contains the technical Combined Health Warning (CHW) Calculation details of the specified component. It must be used to create the HW Template. If details have to be amended, a new document version has to be created.


PRODUCT / PRINT DEVELOPMENT
REEMTSMA CIGARETTENFABRIKEN GmbH An Imperial Tobacco Group Company

GRIDNET	
Gridnet	A03-0099-H
Scale	1:1

COMBINED HW REFERENCE
CHW03-0099-H

CHW POSITION INFORMATION
<div><div></div><div>Front</div></div> <div><div>UPPER</div><div>Layout D: Stacked (reversed 1)</div></div>
<div><div></div><div>Back</div></div> <div><div>UPPER</div><div>Layout A: Stacked</div></div>

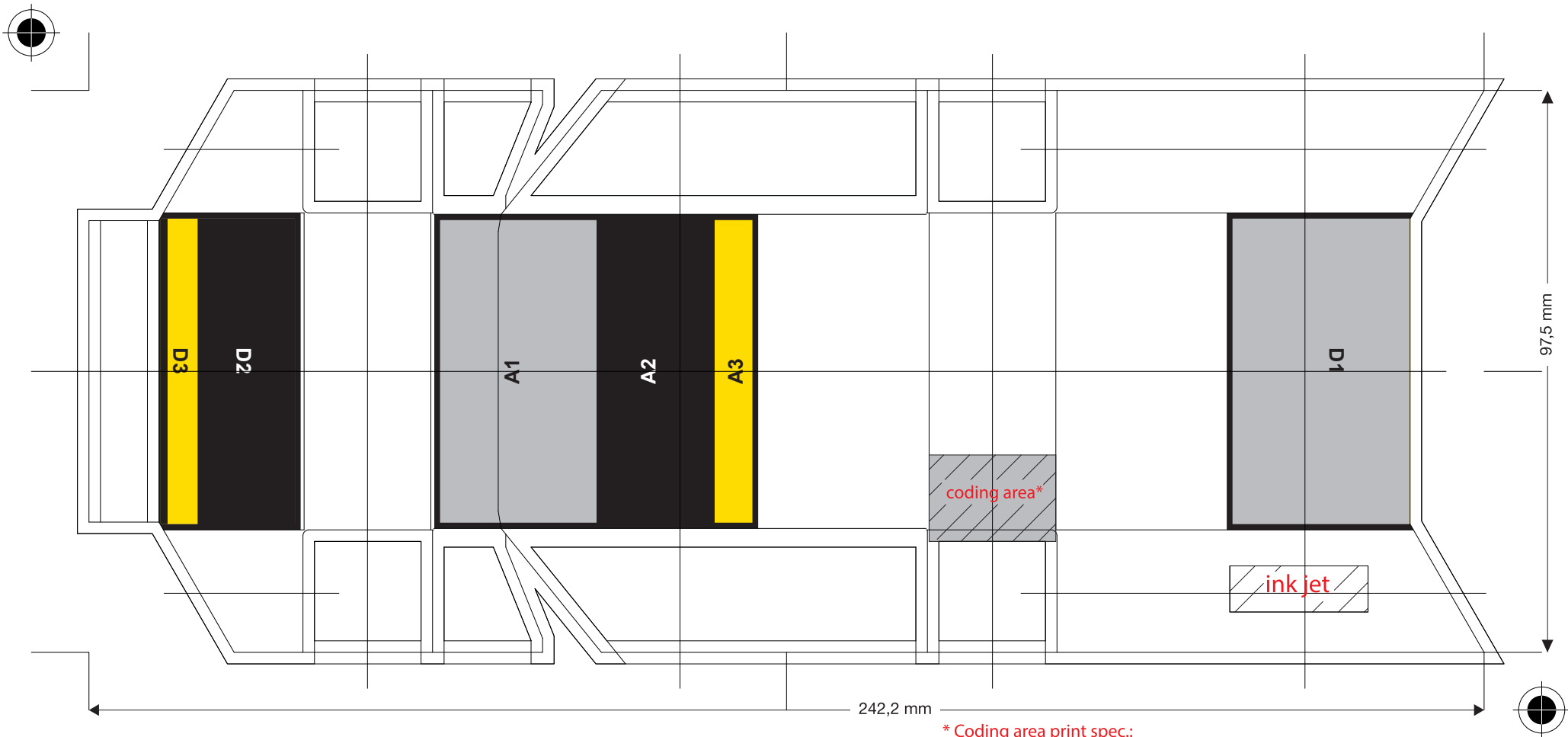
EXTRA INFORMATION

STUDIO	
	
Date	11.08.2017
Software	Aobe Illustrator CC (14)

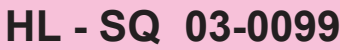
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FRONT: COMBINED HEALTH WARNING CALCULATION excl. 1mm BORDER. - incl. 1.3mm CESSATION BORDER				
D	wp = wt = wc	CHW WIDTH:	53	mm
	wp = wt = wc = W - 2mm			
	hl	CHW HEIGHT:	54.23	mm
	hl = H - 2mm			
	Al	CHW TOTAL AREA (100%):	2874.19	mm²
Al = (W - 2mm) × (H - 2mm)				
1	wp	PICTURE WIDTH	53	mm
	wp = wt = wc = W - 2mm			
	hp	PICTURE HEIGHT:	30.83	mm
	hp = hl - ht - hc			
	Ap	Ap = wp × hp	1633.99	mm²
CONTROL	hp ÷ hl	CHW vs PIC >50% <60%	56.85%	OK
2	wt	TEXT PANEL WIDTH:	53	mm
	wt = wc = wp = W - 2mm			
	ht	TEXT PANEL HEIGHT:	16.89	mm
	ht = X - hc			
	At	At = wt × ht	895.17	mm²
CONTROL	ht ÷ hl	CHW vs TEXT >30% <40%	31.15%	OK
3	wc	CESSATION WIDTH:	53	mm
	wc = wp = wt = W - 2mm			
	hc	CESSATION HEIGHT:	6.51	mm
	hc = X - ht			
	Ac	Ac = wc × hc	345.03	mm²
CONTROL	hc ÷ hl	CHW vs CESS >10% <12%	12.00%	OK

BACK: COMBINED HEALTH WARNING CALCULATION excl. 1mm BORDER.				
A	wp = wt = wc	CHW WIDTH:	52.5	mm
	wp = wt = wc = W - 2mm			
	hl	CHW HEIGHT:	54.23	mm
	hl = H - 2mm			
	Al	CHW TOTAL AREA (100%):	2847.075	mm²
Al = (W - 2mm) × (H - 2mm)				
1	wp	PICTURE WIDTH	52.5	mm
	wp = wt = wc = W - 2mm			
	hp	PICTURE HEIGHT:	27.12	mm
	hp = (H - 2mm) × 0.5			
	Ap	Ap = wp × hp	1423.8	mm²
CONTROL	hp ÷ hl	CHW vs PIC = 50%	50.00%	OK
2	wt	TEXT PANEL WIDTH:	52.5	mm
	wt = wc = wp = W - 2mm			
	ht	TEXT PANEL HEIGHT:	20.61	mm
	ht = (H - 2mm) × 0.38			
	At	At = wt × ht	1082.025	mm²
CONTROL	ht ÷ hl	CHW vs TEXT = 38%	38.00%	OK
3	wc	CESSATION WIDTH:	52.5	mm
	wc = wp = wt = W - 2mm			
	hc	CESSATION HEIGHT:	6.5	mm
	hc = H - 2mm - hp - ht			
	Ac	Ac = wc × hc	341.25	mm²
CONTROL	hc ÷ hl	CHW vs CESS = 12%	12.00%	OK



* Coding area print spec.:
No effect varnish in this area!



HW CALCULATION

This document contains the technical Health Warning (HW) Calculation details of the specified component. It must be used to create the HW Framework and HW Template. If details have to be amended, a new document version has to be created.

PRODUCT / PRINT DEVELOPMENT

REEMTSMA
CIGARETTENFABRIKEN GmbH
An Imperial Tobacco Group Company

GRIDNET

Gridnet	A03-0099-H
Scale	1:1

CALCULATION REFERENCE

HWC03-001810-A

HW POSITION INFORMATION

Front UPPER	65% ----- incl. - 1mm border
Back UPPER	65% ----- incl. - 1mm border
Side	50% ----- incl. - 1mm border

EXTRA INFORMATION

STUDIO



Date	25.05.2017
Software	Adobe Illustrator CC (14)

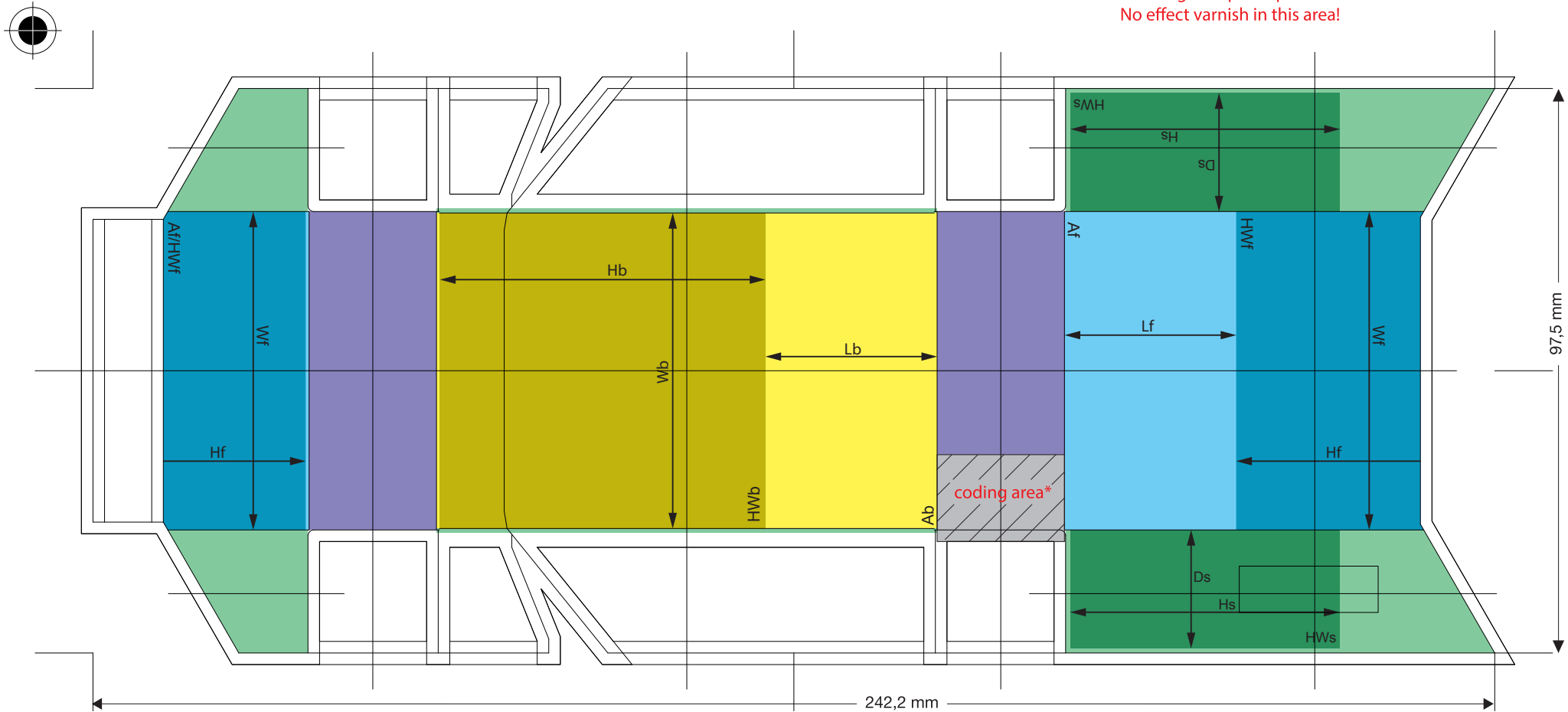
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EUTPD II-I

65.0%		FRONT - HEALTH WARNING CALCULATION incl. 1mm BORDER		
	a1	PANEL WIDTH:	55	mm
	f	PANEL HEIGHT:	86.5	mm
	Af	PANEL TOTAL (100%):	4757.5	mm ²
Af = a1 × f				
	65.0%	HW TARGET = Af × 0.65	3092.375	mm ²
	Wf	HW WIDTH:	55	mm
Wf = a1				
	Hf	HW HEIGHT:	56.23	mm
Hf = (Af × 0.65) ÷ Wf				
	HWf	HW TOTAL (Actual):	3092.65	mm ²
HWf = Wf × Hf				
	Lf	BRANDED FRONT HEIGHT:	29.67	mm
Lf = f - Hf - 0.6mm				
CALCULATION PREPARED USING EUTPD II-I GUIDELINES				

50.0%		SIDE - HEALTH WARNING CALCULATION incl. 1mm BORDER		
	h	PANEL WIDTH:	22	mm
	f	PANEL HEIGHT:	86.5	mm
	As	PANEL TOTAL (100%):	1903	mm ²
As = h × f				
	50.0%	HW TARGET = Af × 0.5	951.5	mm ²
	Ds	HW HEIGHT (landscape):	20.45	mm
Ds = j - 0.8mm				
	Hs	HW WIDTH (landscape):	46.53	mm
Hs = (As × 0.5) ÷ Ds				
	HWs	HW TOTAL (Actual):	951.5385	mm ²
HWs = Ds × Hs				
CALCULATION PREPARED USING EUTPD II-I GUIDELINES				

65.0%		BACK - HEALTH WARNING CALCULATION incl. 1mm BORDER		
	c	PANEL WIDTH:	54.5	mm
	f	PANEL HEIGHT:	86.5	mm
	Ab	PANEL TOTAL (100%):	4714.25	mm ²
Ab = c × f				
	65.0%	HW TARGET = Af × 0.65	3064.2625	mm ²
	Wb	HW WIDTH:	54.5	mm
Wb = c				
	Hb	HW HEIGHT:	56.23	mm
Hb = (Ab ÷ 0.65) ÷ Wb				
	HWb	HW TOTAL (Actual):	3064.535	mm ²
HWb = Wb × Hb				
	Lb	BRANDED BACK HEIGHT:	29.67	mm
Lb = f - Hb - 0.6mm				
CALCULATION PREPARED USING EUTPD II-I GUIDELINES				



* Coding area print spec.:
No effect varnish in this area!

