



# CITO Creasing Systems

PRO • STANDARD • BASIC • PLAST for

- boxboard
- solid board
- micro flute
- corrugated board

CITO PRO RY



H x W mm	H x W mm	H x W mm	H x W mm	H x W mm	H x W mm	H x W mm	H x W mm
0.2 x 0.8	0.4 x 0.7	0.5 x 0.7	0.6 x 0.8	0.7 x 1.5	0.8 x 1.7	1.0 x 2.3	1.2 x 4.0
	0.4 x 0.8	0.5 x 0.8	0.6 x 1.0	0.7 x 1.7	0.8 x 1.9	1.0 x 2.5	1.2 x 4.5
0.3 x 0.6	0.4 x 1.0	0.5 x 1.0	0.6 x 1.2	0.7 x 1.9	0.8 x 2.1	1.0 x 2.7	1.2 x 5.0
0.3 x 0.7	0.4 x 1.1	0.5 x 1.1	0.6 x 1.3	0.7 x 2.1	0.8 x 2.3	1.0 x 3.0	1.2 x 6.0
0.3 x 0.8	0.4 x 1.2	0.5 x 1.2	0.6 x 1.4	0.7 x 2.3	0.8 x 2.5	1.0 x 3.2	
0.3 x 1.0	0.4 x 1.3	0.5 x 1.3	0.6 x 1.5	0.7 x 2.5	0.8 x 2.7	1.0 x 3.5	1.2 x 5.0/3**
0.3 x 1.1	0.4 x 1.4	0.5 x 1.4	0.6 x 1.6	0.7 x 2.7	0.8 x 3.0	1.0 x 4.0	1.2 x 6.0/3**
0.3 x 1.2	0.4 x 1.5	0.5 x 1.5	0.6 x 1.7	0.7 x 3.0	0.8 x 3.2	1.0 x 4.5	
0.3 x 1.3	0.4 x 1.6	0.5 x 1.6	0.6 x 1.9	0.7 x 3.2	0.8 x 3.5	1.0 x 5.0	
0.3 x 1.4	0.4 x 1.7	0.5 x 1.7	0.6 x 2.1	0.7 x 3.5	0.8 x 4.0	1.0 x 6.0	
0.3 x 1.5	0.4 x 1.9	0.5 x 1.9	0.6 x 2.3	0.7 x 4.0	0.8 x 4.5	1.0 x 7.0	1.5 x 4.0
0.3 x 1.6		0.5 x 2.1	0.6 x 2.5		0.8 x 5.0		1.5 x 5.0
0.3 x 1.7		0.5 x 2.3	0.6 x 2.7		0.8 x 6.0	1.0 x 3.0/2*	1.5 x 6.0
			0.6 x 3.0			1.0 x 3.5/2*	
			0.6 x 3.2		0.8 x 3.0/2*	1.0 x 4.0/2*	1.5 x 5.0/3**
			0.6 x 3.5		0.8 x 3.2/2*		1.5 x 6.0/3**
			0.6 x 4.0		0.8 x 3.5/2*	1.0 x 5.0/3**	
			0.6 x 5.0		0.8 x 4.0/2*	1.0 x 6.0/3**	
						1.0 x 7.0/3**	
					0.8 x 5.0/3**	1.0 x 8.0/3**	1.7 x 4.0
			0.6 x 3.0/2*		0.8 x 6.0/3**		1.7 x 5.0
			0.6 x 3.2/2*		0.8 x 7.0/3**		1.7 x 6.0
			0.6 x 3.5/2*				
			0.6 x 4.0/2*				
			0.6 x 5.0/3**				

Further sizes upon request

box contents 50 x 70 cm = 35 m

CITO PRO CMR

(= CITO PRO RY on reels)



H x W mm	H x W mm	H x W mm	H x W mm	H x W mm	H x W mm	H x W mm	H x W mm
0.3 x 0.8	0.5 x 1.3	0.6 x 1.5	0.7 x 3.2	0.8 x 2.7	0.8 x 4.0	1.0 x 2.7	1.0 x 4.0
0.3 x 1.0	0.5 x 1.5	0.6 x 1.7		0.8 x 3.0		1.0 x 3.0	1.0 x 5.0
0.3 x 1.2	0.5 x 1.7	0.6 x 1.9	0.8 x 2.1	0.8 x 3.2		1.0 x 3.2	
0.3 x 1.3	0.5 x 1.9	0.6 x 2.1	0.8 x 2.3	0.8 x 3.5		1.0 x 3.5	
	0.5 x 2.1	0.6 x 2.3	0.8 x 2.5				
0.4 x 1.0		0.6 x 2.5					
0.4 x 1.2		0.6 x 2.7					
0.4 x 1.3		0.6 x 3.0					
0.4 x 1.5		0.6 x 3.2					
		0.6 x 3.5					
- 37 m -	- 35 m -	- 35 m -	- 30 m -	- 28 m -	- 25 m -	- 28 m -	- 25 m -

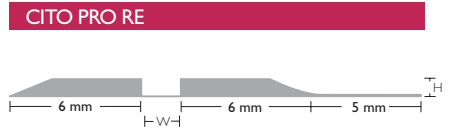
Further sizes upon request

contents of reel

H x W mm	H x W mm	H x W mm	H x W mm	H x W mm	H x W mm	H x W mm	H x W mm
0.3 x 0.7	0.4 x 0.7	0.5 x 0.8	0.6 x 1.2	0.6 x 1.9	0.7 x 1.7	0.8 x 1.9	1.0 x 2.7
0.3 x 0.8	0.4 x 0.8	0.5 x 1.0	0.6 x 1.3	0.6 x 2.1	0.7 x 1.9	0.8 x 2.1	1.0 x 3.0
0.3 x 1.0	0.4 x 1.0	0.5 x 1.2	0.6 x 1.4	0.6 x 2.3	0.7 x 2.1	0.8 x 2.3	1.0 x 3.2
0.3 x 1.2	0.4 x 1.1	0.5 x 1.3	0.6 x 1.5	0.6 x 2.5	0.7 x 2.3	0.8 x 2.5	1.0 x 3.5
0.3 x 1.3	0.4 x 1.2	0.5 x 1.4	0.6 x 1.6	0.6 x 2.7	0.7 x 2.5	0.8 x 2.7	1.0 x 4.0
0.3 x 1.4	0.4 x 1.3	0.5 x 1.5	0.6 x 1.7	0.6 x 3.0	0.7 x 2.7	0.8 x 3.0	
0.3 x 1.5	0.4 x 1.4	0.5 x 1.6		0.6 x 3.2		0.8 x 3.2	
	0.4 x 1.5	0.5 x 1.7		0.6 x 3.5		0.8 x 3.5	
	0.4 x 1.7	0.5 x 1.9		0.6 x 4.0		0.8 x 4.0	
		0.5 x 2.1					
		0.5 x 2.3					

Further sizes upon request

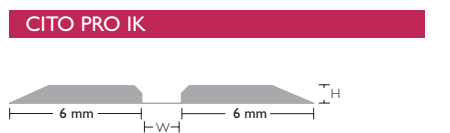
box contents 50 x 70 cm = 35 m



H x W mm	H x W mm	H x W mm	H x W mm	H x W mm	H x W mm	H x W mm
0.5 x 3.0	0.6 x 2.1	0.7 x 2.3	0.8 x 2.5	0.8 x 3.2	1.0 x 2.7	1.0 x 5.0
	0.6 x 2.3	0.7 x 2.7	0.8 x 2.7	0.8 x 3.5	1.0 x 3.0	1.0 x 6.0
	0.6 x 2.5		0.8 x 3.0		1.0 x 3.2	1.0 x 7.0
	0.6 x 2.7				1.0 x 3.5	
	0.6 x 3.0				1.0 x 4.0	

Further sizes upon request

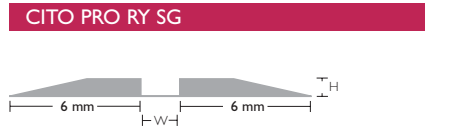
box contents 50 x 70 cm = 35 m



H x W mm	H x W mm	H x W mm	H x W mm	H x W mm	H x W mm	H x W mm
0.6 x 2.3	0.7 x 2.3	0.8 x 2.1	0.8 x 2.7	0.8 x 3.5	1.0 x 2.7	1.0 x 4.0
0.6 x 2.5		0.8 x 2.3	0.8 x 3.0	0.8 x 4.0	1.0 x 3.0	1.0 x 5.0
0.6 x 3.0		0.8 x 2.5	0.8 x 3.2	0.8 x 5.0	1.0 x 3.5	1.0 x 6.0
0.6 x 4.0						
0.6 x 5.0						
0.6 x 6.0						

Further sizes upon request

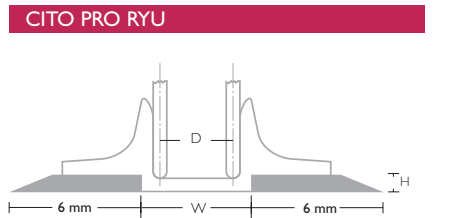
box contents 50 x 70 cm = 35 m



H x W/D mm	H x W/D mm	H x W/D mm	H x W/D mm			
0.6 x 5.0/3	0.7 x 5.0/3	0.8 x 5.0/3	1.0 x 5.0/3			
0.6 x 7.0/5	0.7 x 7.0/5	0.8 x 6.0/4	1.0 x 6.0/4			
0.6 x 8.0/5	0.7 x 8.0/5	0.8 x 7.0/5	1.0 x 7.0/5	D = creasing rule distance centre/centre		
		0.8 x 8.0/5	1.0 x 8.0/5	W = creasing channel width		

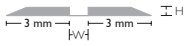
Further sizes upon request

box contents 50 x 70 cm = 35 m





**CITO PRO RS**

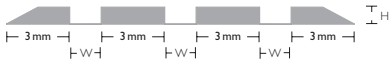


H x W mm	H x W mm	H x W mm	H x W mm			
0.3 x 0.8	0.4 x 0.8	0.5 x 0.8	0.6 x 1.3			
0.3 x 1.0	0.4 x 1.0	0.5 x 1.0	0.6 x 1.5			
0.3 x 1.2	0.4 x 1.2	0.5 x 1.2	0.6 x 1.7			
0.3 x 1.3	0.4 x 1.3	0.5 x 1.3	0.6 x 1.9			
0.3 x 1.5	0.4 x 1.5	0.5 x 1.5				
	0.4 x 1.7	0.5 x 1.7				
	0.4 x 1.9	0.5 x 1.9				

Further sizes upon request

box contents 100 x 70 cm = 70 m

**CITO PRO DR**

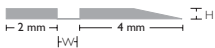


H x W mm	H x W mm	H x W mm	H x W mm			
0.3 x 1.0	0.4 x 1.0	0.5 x 1.3	0.6 x 1.9			
0.3 x 1.2	0.4 x 1.3	0.5 x 1.5				
	0.4 x 1.5	0.5 x 1.7				

Further sizes upon request

box contents 50 x 70 cm = 35 m

**CITO PRO CC**

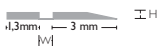


H x W mm	H x W mm	H x W mm	H x W mm	H x W mm	H x W mm	H x W mm
0.3 x 1.0	0.4 x 1.0	0.5 x 1.0	0.6 x 1.3	0.7 x 2.1	0.8 x 2.1	1.0 x 2.7
0.3 x 1.2	0.4 x 1.1	0.5 x 1.2	0.6 x 1.5	0.7 x 2.3	0.8 x 2.3	1.0 x 3.0
0.3 x 1.3	0.4 x 1.2	0.5 x 1.3	0.6 x 1.7	0.7 x 2.5	0.8 x 2.5	
0.3 x 1.5	0.4 x 1.3	0.5 x 1.5	0.6 x 1.9	0.7 x 2.7	0.8 x 2.7	
	0.4 x 1.5	0.5 x 1.7	0.6 x 2.1	0.7 x 3.0	0.8 x 3.0	
	0.4 x 1.7	0.5 x 1.9	0.6 x 2.3			
	0.4 x 1.9	0.5 x 2.1	0.6 x 2.5			
			0.6 x 2.7			

Further sizes upon request

box contents 40 x 70 cm = 28 m

**CITO PRO CS**



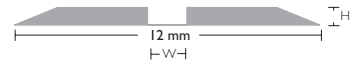
H x W mm	H x W mm	H x W mm				
0.3 x 0.8	0.4 x 0.8	0.5 x 0.8				
0.3 x 1.0	0.4 x 1.0	0.5 x 1.0				
0.3 x 1.2	0.4 x 1.2	0.5 x 1.2				
0.3 x 1.3	0.4 x 1.3	0.5 x 1.3				
0.3 x 1.5	0.4 x 1.5	0.5 x 1.5				
	0.4 x 1.7	0.5 x 1.7				
	0.4 x 1.9	0.5 x 1.9				

Further sizes upon request

tube contents 50 x 70 cm = 35 m

H x W mm / Pt.	H x W mm / Pt.	H x W mm / Pt.	H x W mm / Pt.	H x W mm / Pt.	
0.3 x 0.8 2/3	0.4 x 0.8 2/3	0.5 x 0.8 2/3	0.6 x 1.5 2/3	0.7 x 2.3 3/4 *	
0.3 x 1.0 2/3	0.4 x 1.0 2/3	0.5 x 1.0 2/3	0.6 x 1.6 2/3	0.7 x 2.5 3/4 *	0.8 x 2.7 3/4 *
0.3 x 1.1 2/3	0.4 x 1.1 2/3	0.5 x 1.1 2/3	0.6 x 1.7 2/3	0.7 x 2.7 3/4 *	
0.3 x 1.2 2/3	0.4 x 1.2 2/3	0.5 x 1.2 2/3	0.6 x 1.9 2/3	0.7 x 3.0 3/4 *	
0.3 x 1.3 2/3	0.4 x 1.3 2/3	0.5 x 1.3 2/3	0.6 x 2.1 3/4 *		
0.3 x 1.4 2/3	0.4 x 1.4 2/3	0.5 x 1.4 2/3	0.6 x 2.3 3/4 *		
0.3 x 1.5 2/3	0.4 x 1.5 2/3	0.5 x 1.5 2/3	0.6 x 2.5 3/4 *		
	0.4 x 1.6 2/3	0.5 x 1.6 2/3	0.6 x 2.7 3/4 *		1.0 x 3.0 3/4 *
	0.4 x 1.7 2/3	0.5 x 1.7 2/3	0.6 x 3.0 3/4 *		
		0.5 x 1.9 2/3			
		0.5 x 2.1 3/4			

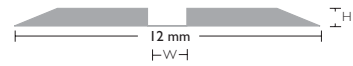
### CITO STANDARD



Further sizes upon request \* For channel widths from 2.1 mm also available for creasing rules 2/3 Pt.  
box contents 50 x 70 cm = 35 m

H x W mm / Pt.	H x W mm / Pt.	H x W mm / Pt.	H x W mm / Pt.		
0.3 x 0.8 2/3	0.4 x 0.8 2/3	0.5 x 0.8 2/3	0.6 x 1.5 2/3		
0.3 x 1.0 2/3	0.4 x 1.0 2/3	0.5 x 1.0 2/3	0.6 x 1.6 2/3		
0.3 x 1.1 2/3	0.4 x 1.1 2/3	0.5 x 1.1 2/3	0.6 x 1.7 2/3		
0.3 x 1.2 2/3	0.4 x 1.2 2/3	0.5 x 1.2 2/3	0.6 x 1.9 2/3		
0.3 x 1.3 2/3	0.4 x 1.3 2/3	0.5 x 1.3 2/3	0.6 x 2.1 3/4 *		
0.3 x 1.4 2/3	0.4 x 1.4 2/3	0.5 x 1.4 2/3	0.6 x 2.3 3/4 *		
0.3 x 1.5 2/3	0.4 x 1.5 2/3	0.5 x 1.5 2/3	0.6 x 2.5 3/4 *		
	0.4 x 1.6 2/3	0.5 x 1.6 2/3	0.6 x 2.7 3/4 *		
	0.4 x 1.7 2/3	0.5 x 1.7 2/3	0.6 x 3.0 3/4 *		
		0.5 x 1.9 2/3			
		0.5 x 2.1 3/4			

### CITO BASIC



			H x W mm / Pt.	H x W mm / Pt.	H x W mm / Pt.
			0.7 x 2.3 3/4 *	0.8 x 2.3 3/4 *	1.0 x 2.7 3/4 *
			0.7 x 2.5 3/4 *	0.8 x 2.5 3/4 *	1.0 x 3.0 3/4 *
			0.7 x 2.7 3/4 *	0.8 x 2.7 3/4 *	1.0 x 3.2 3/4 *
			0.7 x 3.0 3/4 *	0.8 x 3.0 3/4 *	1.0 x 3.5 3/4 *
			0.7 x 3.2 3/4 *	0.8 x 3.2 3/4 *	1.0 x 4.0 3/4 *
				0.8 x 3.5 3/4 *	
				0.8 x 4.0 3/4 *	

Further sizes upon request \* For channel widths from 2.1 mm also available for creasing rules 2/3 Pt.  
box contents 50 x 70 cm = 35 m



CITO PLAST plus



Order No.	Colour	Height	Width	Pt.	Contents
20/2-3	mauve	0.38 mm	0.55 mm	2/3	28 m
32/2-3	orange	0.38 mm	0.80 mm	2/3	28 m
40/2-3	buff	0.38 mm	1.00 mm	2/3	28 m
45/2-3	violet	0.38 mm	1.20 mm	2/3	28 m
50/2-3	white	0.45 mm	1.30 mm	2/3	28 m
55/2-3	sky	0.45 mm	1.40 mm	2/3	28 m
57/2-3	lime	0.45 mm	1.50 mm	2/3	28 m
60/2-3	yellow	0.50 mm	1.60 mm	2/3	28 m
67/2-3	pink	0.50 mm	1.70 mm	2/3	28 m
73/2-3	slate	0.55 mm	1.90 mm	2/3	28 m
75/2-3	green	0.60 mm	2.00 mm	2/3	28 m
83/2-3	brown	0.60 mm	2.10 mm	2/3	28 m
90/2-3	red	0.70 mm	2.30 mm	2/3	28 m
105/2-3	blue	0.80 mm	2.60 mm	2/3	28 m
105/3-4	blue	0.80 mm	2.60 mm	3/4	28 m
120/3-4	brown	0.90 mm	3.00 mm	3/4	28 m
126/3-4	olive	0.95 mm	3.20 mm	3/4	14 m
150/3-4	grey	1.30 mm	3.80 mm	3/4	14 m
150/6	grey	1.30 mm	3.80 mm	6	14 m
200/4	black	1.50 mm	5.00 mm	4	14 m
200/6	black	1.50 mm	5.00 mm	6	14 m
250/4	cream	1.70 mm	6.00 mm	4	14 m
250/6	cream	1.70 mm	6.00 mm	6	14 m

CITO PLAST off-center



Order No.	Colour	Height	Width	Pt.	Contents
OFF40/2-3	buff	0.38 mm	1.00 mm	2/3	28 m
OFF50/2-3	white	0.45 mm	1.30 mm	2/3	28 m
OFF60/2-3	yellow	0.50 mm	1.60 mm	2/3	28 m

CITO PLAST double crease



Order No.	Colour	Height	Width	Pt.	Contents
D/3	white	0.45 mm	1.30 mm	3.0 mm	14 m
D/3.5	white	0.45 mm	1.30 mm	3.5 mm	14 m
D/4	white	0.45 mm	1.30 mm	4.0 mm	14 m
D/5	white	0.45 mm	1.30 mm	5.0 mm	14 m

Example: D/3 distance between channels centre to centre = 3.0 mm

CITO PLAST reverse crease



Order No.	Colour	Basic Height	Total Height	Width	Distance	Contents
2P12	green	0.7 mm	1.3 mm	2 pt.	1.2 - 1.4 mm	28 m
2P15	green	0.7 mm	1.3 mm	2 pt.	1.5 - 1.9 mm	28 m
3P19	blue	0.7 mm	1.5 mm	3 pt.	1.9 - 2.3 mm	28 m
3P23	blue	0.7 mm	1.5 mm	3 pt.	2.3 - 2.7 mm	28 m
4P27	brown	0.7 mm	1.6 mm	4 pt.	2.7 - 3.2 mm	14 m
4P35	brown	0.7 mm	1.6 mm	4 pt.	3.5 - 4.0 mm	14 m
6P45	black	0.7 mm	2.2 mm	6 pt.	4.5 - 5.0 mm	14 m
6P55	black	0.7 mm	2.2 mm	6 pt.	5.5 - 6.0 mm	14 m

Example: 2P12 creasing profile = 2 Pt., distance between the creasing rules = 1.2 - 1.4 mm

CITO PLAST hinge crease



Order No.	Colour	Height	Width	Contents
HC1.5	blue	1.50 mm	2.00 mm	28 m

# Perfectly cutting ...



## CUTTERS

For cutting of the creasing strip to the exact length both ends are cut to mitre at the same time.

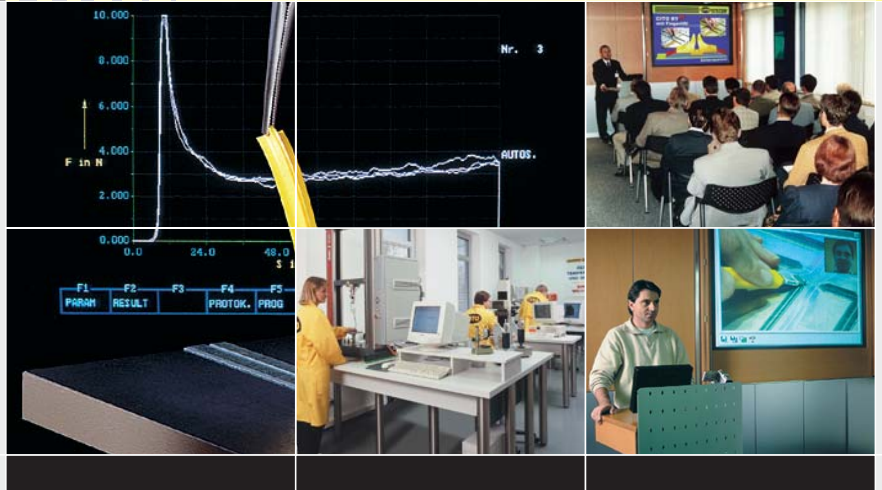
Available as manually operated cutter with lateral adjustment stop and aid for centric cutting or as scissors.

**Model AC 2:** Cutter designed for frequent use; with centering guide and waste being ejected during the cutting process; for large quantities

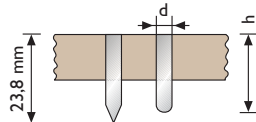
**Model BC 5:** Cutter for every-day use; for medium quantities

**Model S 80:** Scissors with angle-indicator for mobile and flexible use (e. g. directly at the diecutter); also suitable for cutting rubber profiles to length; for small quantities

Order No.	Description	
BDA0001	AC 2 Cutter	
BDA0102	AC 2 Replacement Upper and Lower Blades	
BDB0002	BC 5 Cutter	
BDB0102	BC 5 Cutting Head	
BDB0104	BC 5 Aluminium Frame	
BDC0001	S 80 Scissors	
BDC0002	S 80 Replacement Blade	
BDC0003	S 80 45 Degree Angle	



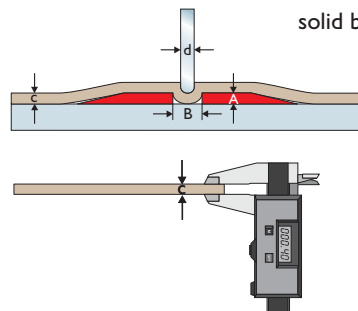
Formula for selecting the correct creasing rule



creasing rule height  $h =$   
cutting rule height (23.8 mm) less material thickness

- creasing rule width  $d =$
- 1.5 pt./0.52 mm for material up to 0.10 mm
  - 2 pt./0.71 mm for material up to 0.58 mm
  - 3 pt./1.05 mm for material up to 0.85 mm
  - 4 pt./1.42 mm for material up to 1.20 mm
  - 6 pt./2.10 mm for material from 1.21 mm

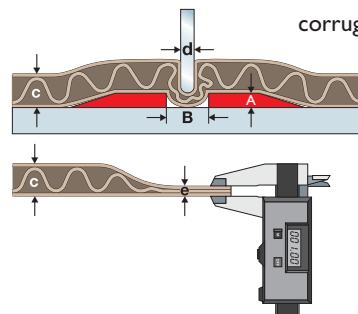
Formula for selecting the correct creasing system



solid board

$$A = c \quad B = (c \times 1.5) + d$$

- A = crease depth
- B = crease width
- c = total thickness of solid board
- d = thickness of creasing rule



corrugated board

$$A = e \quad B = (e \times 2.0) + d$$

- A = crease depth
- B = crease width
- c = total thickness of corrugated board
- d = thickness of creasing rule
- e = compressed corrugated board