

UMANG BOARDS LIMITED

PRODUCT DATA SHEET

**CORRUGATED
BOARDS**



Corrugated Boards

AS PER IEC 641-1

CHARACTERISTIC FEATURES

1. Made of Umang pre-compressed pressboard.
2. Transformers Board with even fibre orientation.
3. 100% Electrical grade Sulphate Pulp
4. Natural –coloured
5. High purity and mechanical strength.
6. Low shrinkage and Compressibility.
7. Good compatibility with liquid dielectrics strength
8. Insulation class A (105°C)



APPLICATIONS

Layer insulation in oil filled distribution transformers

VARIANTS

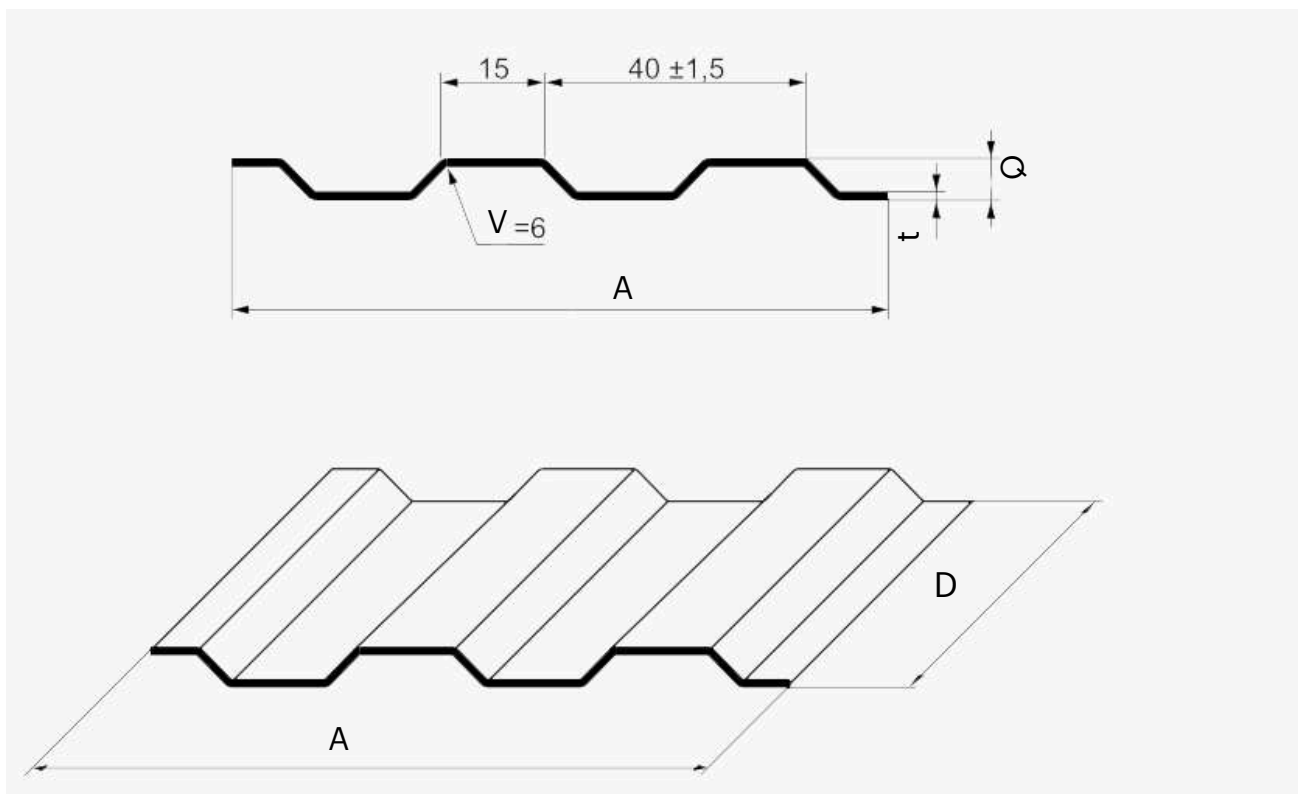
Umang corrugated boards are available in the following shapes: -

Corrugated board shape 1
Corrugated board shape 2
Corrugated board shape 3
Corrugated board shape 4
Corrugated board shape 5
Corrugated board shape 6

CORRUGATED BOARD SHAPE 1

TECHNICAL DRAWING

Dimensions



A	D	t	Q
3600 mm	2100 mm	1.0 mm	7.0 mm
3600 mm	2100 mm	1.5 mm	7.5 mm
3600 mm	2100 mm	2.0 mm	8.0 mm
3600 mm	2100 mm	2.5 mm	8.5 mm

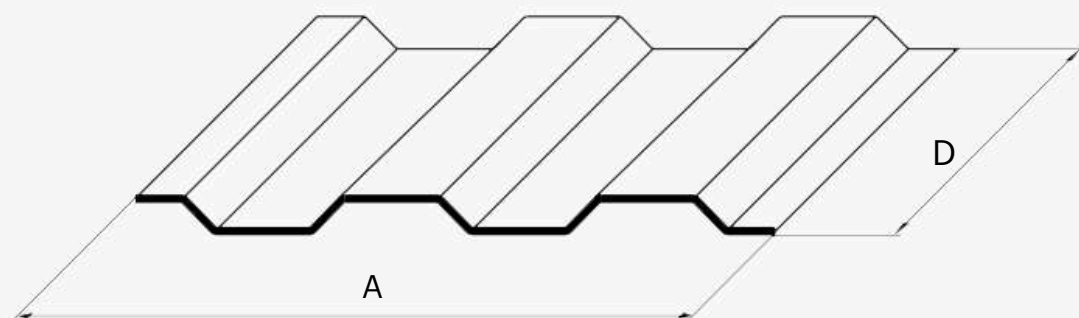
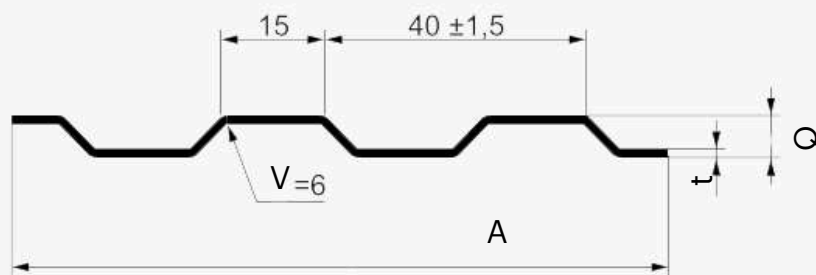
Tolerances

A	±10 mm
Width	±0.2/-0.5 mm
Q	±0.2/-0.5 mm
t	±5%

CORRUGATED BOARD SHAPE 2

TECHNICAL DRAWING

Dimensions



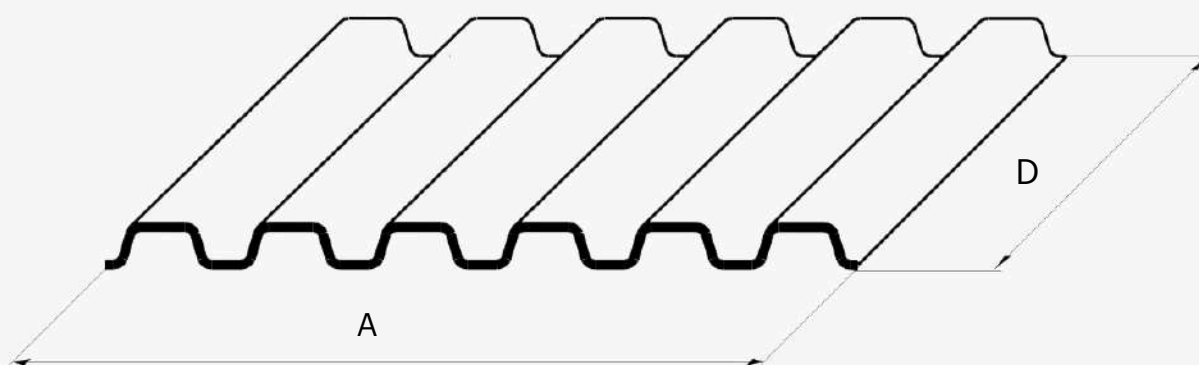
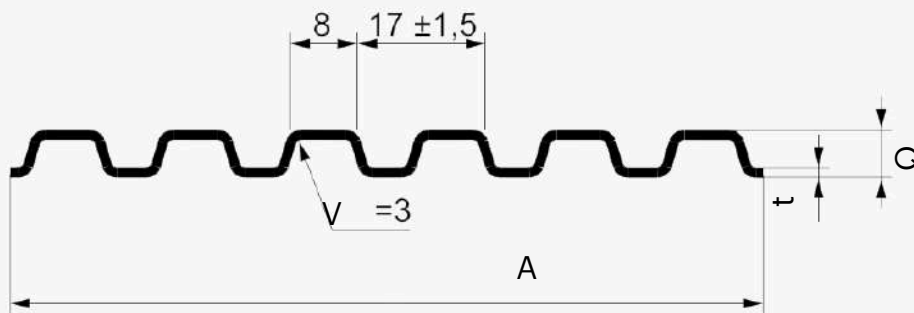
A	D	t	Q
3900 mm	2100 mm	1.0 mm	4.5 mm
3900 mm	2100 mm	1.5 mm	5.0 mm
3900 mm	2100 mm	2.0 mm	5.5 mm

Tolerances

A	±10 mm
Width	±0.2/-0.5 mm
Q	±0.2/-0.5 mm
t	±5%

CORRUGATED BOARD SHAPE 3

TECHNICAL DRAWING



Dimensions

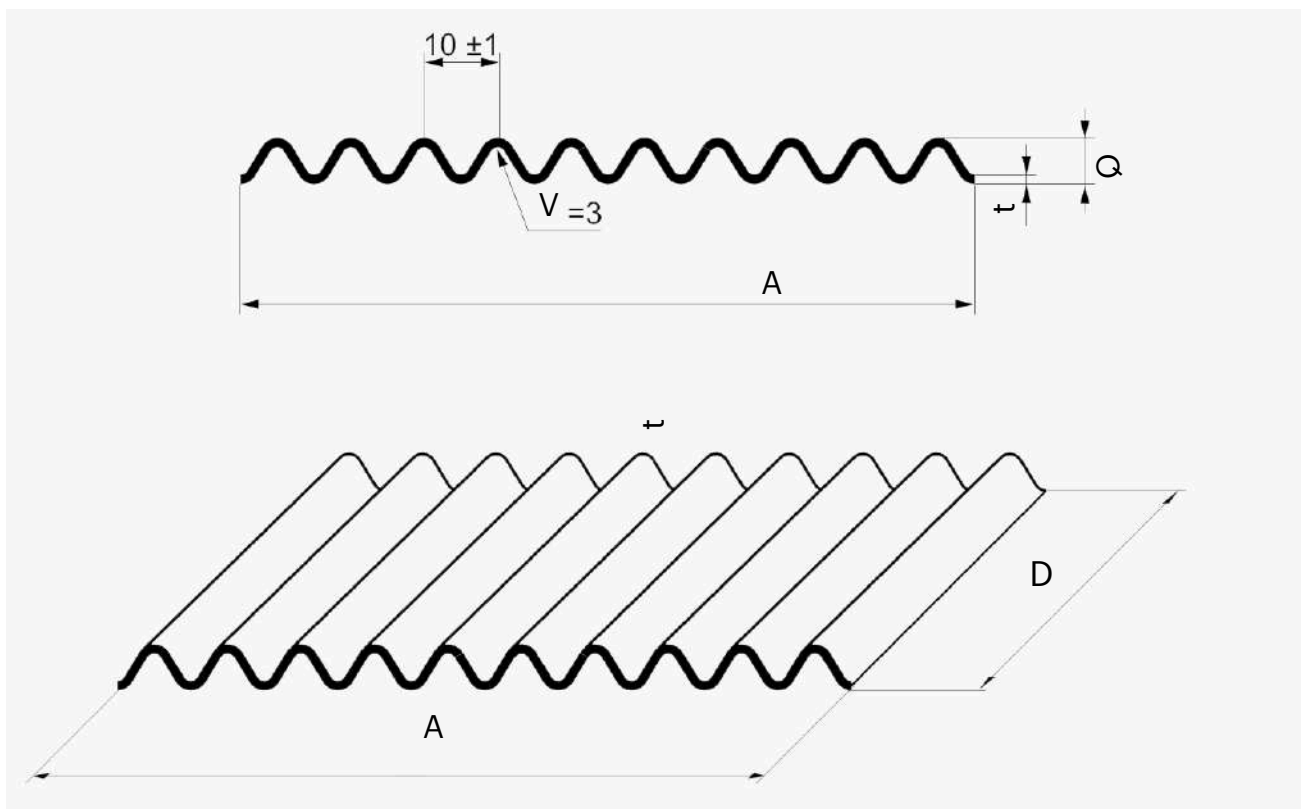
A	D	t	Q
3500 mm	2200 mm	1.0 mm	5.0 mm

Tolerances

A	±10 mm
Width	±0.2/-0.5 mm
Q	±0.2/-0.5 mm
t	±5%

CORRUGATED BOARD SHAPE 4

TECHNICAL DRAWING



Dimensions

A	D	t	Q
30 m	1280 mm	0.25 mm	4.0 mm
30 m	1280 mm	0.3 mm	4.0 mm
30 m	1280 mm	0.5 mm	4.5 mm
30 m	1280 mm	0.8 mm	4.7 mm
30 m	1240 mm	1.0 mm	5.0 mm

Tolerances

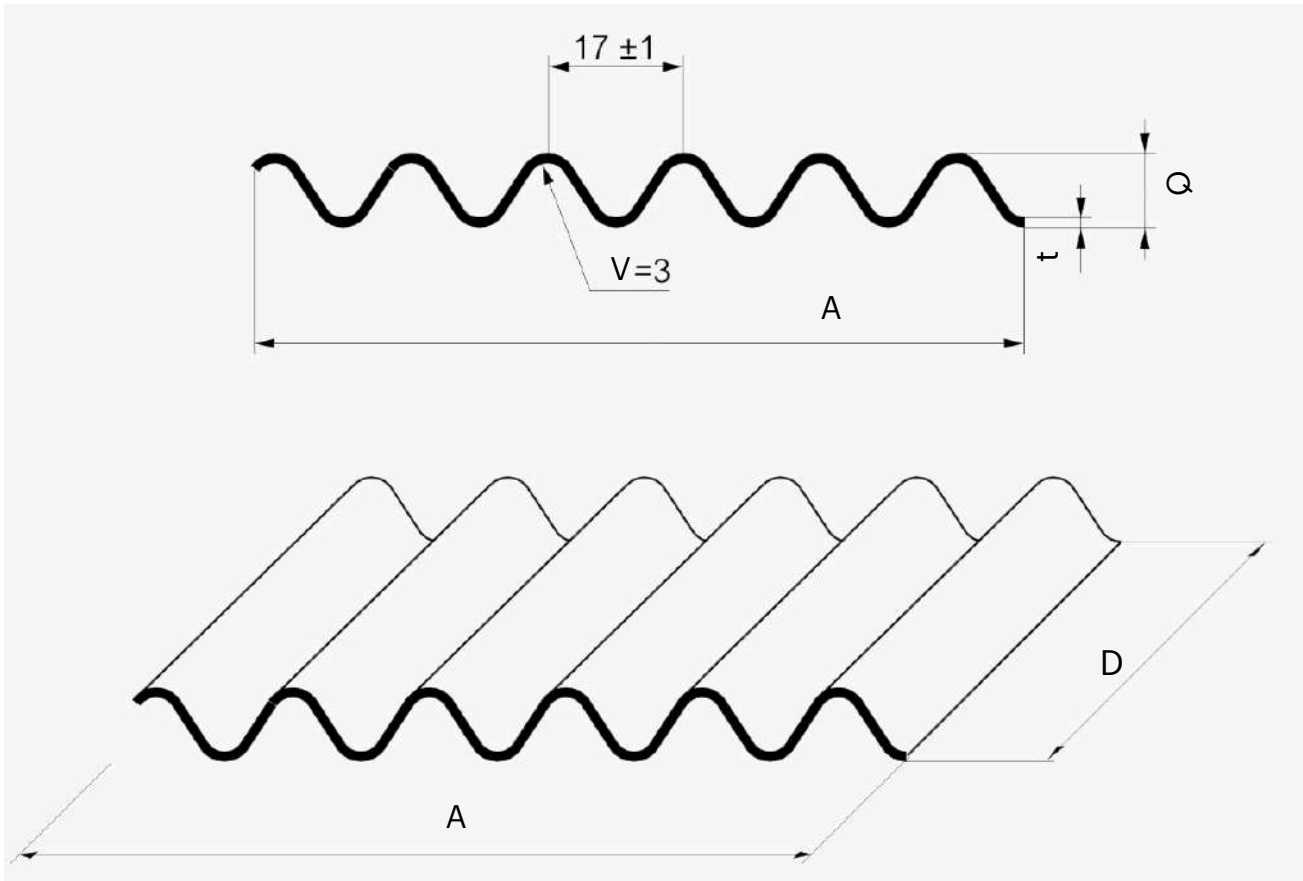
A	±200 mm
Width	±10 mm
Q	±0.2/-0.5 mm
t	±5%

CORRUGATED BOARD SHAPE 5

TECHNICAL DRAWING

Dimensions





A	D	t	Q
3000 mm	2200 mm	1.0 mm	8.0 mm
3000 mm	2200 mm	1.5 mm	8.5 mm
3000 mm	2200 mm	2.0 mm	9.0 mm

Tolerances

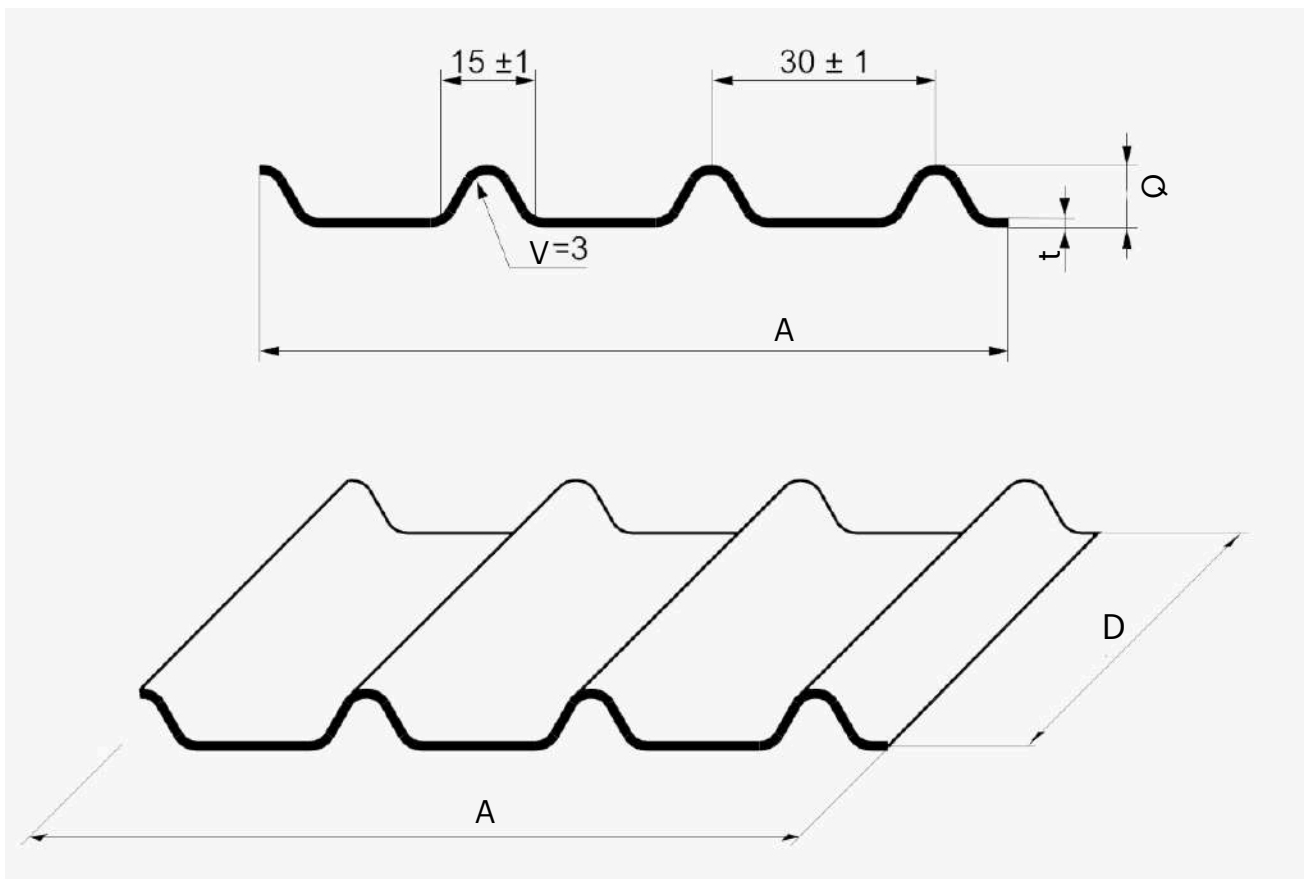
A	±10 mm
Width	±0.2/-0.5 mm
Q	±0.2/-0.5 mm
t	±5%



CORRUGATED BOARD SHAPE 6

TECHNICAL DRAWING

Dimensions



A	D	t	Q
3500 mm	2200 mm	1.0 mm	8.0 mm
3500 mm	2200 mm	1.5 mm	8.5 mm
3500 mm	2200 mm	2.0 mm	9.0 mm



Tolerances

A	± 10 mm
Width	$\pm 0.2/-0.5$ mm
Q	$\pm 0.2/-0.5$ mm
t	$\pm 5\%$

