

Product information sheet Last updated 05.2018

## Coated and uncoated corrugated base papers 100 - 200 g/m<sup>2</sup>

### Certification

FSC®

PEFC

Recommendation of Innocuousness



The mark of  
responsible forestry



### Short description of product

Corrugated base paper made from 100% recovered paper

### Uses

Corrugated base paper for corrugated cardboard packaging and other special fields of use

### Printing process

Suitable for:

- Flexographic preprint
- Flexographic postprint
- Offset printing
- Digital printing

1. **Product composition**           Waste paper and starch (5 %)
  
2. **Raw material information**
  - Waste paper**
  - Top layer:                   100 % deinked recovered paper
  - Back layer:                 100 % OCC (old corrugated containers)
  
3. **Information about paper production**
  - 3.1. **Energy supply**

Electricity procured from high-voltage grid 110 kV  
Natural gas procured from high pressure grid.

**Energy production**

100 % steam generation and some energy production with own co-generation power plants.

**Energy sources**

“Residual material” from paper recycling, alternative fuels (household collections and industrial waste), biogas (from own sewage treatment) and natural gas

**Reduction of energy requirement as a result of**

High percentage of recycled paper.  
Maximum heat recovery to the paper machinery.
  
  - 3.2. **Recycling**

Paper is completely recyclable.  
Paper is harmlessly biodegradable.
  
4. **Product information**

See separate specifications on the individual varieties/grammages.

## 5. Equipment information

### 5.1. Reel

Reel diameter:	1200 mm to 1450 mm
Reel width:	700 m to 3350 mm (twin packs not possible)
Reel width tolerances:	$\pm 3$ mm

### 5.2. Front side

Flatness of the front surface:	$0 \pm 5$ mm
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### 5.3. Core

Core quality:	Normal core or special core dependent on the reel width, diameter and weight
Core diameter:	Internal: 100 mm External: 120 + 125 mm

### 5.4. Factory stickers

Factory stickers per reel:	max. 2
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(No factory stickers on the outer 15 mm and inner 70 mm of the reel)

### 5.5. Packaging

Reels are unpackaged. The first 5-10 layers of the reel are the packaging.  
If necessary, a front cover can be applied for coated products.

### 5.6. Labelling

A label on the left outer side in the edge zone, each with four  
removable self-adhesive labels and printout of the barcode (12 digits).

### 5.7. Printing parameters

Before beginning continuous operation with our papers, a test print is recommended  
for digital printing and offset printing.

## 5.8. Miscellaneous information and certificates

### **German recommendation XXXVI**

Our liner is safe for use as food packaging and can come into direct contact with dry, non-greasy foods and foods which are peeled or washed before consumption.

### **Waste paper**

We would like to point out that all LEIPA papers are made from 100 % waste paper. Our papers are tested in line with the contents and concentrations stipulated by the legislator.

### **Bleaching**

The white cover of our papers is bleached without using chlorine on our deinking line. Only oxygenic substances are used for bleaching white waste paper. Our entire production process is PCF (process chlorine free).

### **REACH/SVHC**

When producing our (corrugated base) papers, we do not use any SVHC substances (see REACH certificate!) listed in the candidate list. These substances are not contained as minor components in any chemicals we use either.

### **Whiteness measurement**

The whiteness is measured in accordance with ISO 2470-2, this means that the proportion of optical brightener in the paper is also measured.

### **Hygiene certificate**

During the production of hygiene certified corrugated boards it is necessary to observe a trim of 1.5 cm.

### **Storage and best before**

Reels should be stored in a clean and dry storage, with a stable atmosphere and minimum humidity variation. Variation in relative humidity can cause creases, warp at splice or cracking at conversion.

Paper in storage after delivery, longer than 1 year should be considered outside manufacturers specification warranty.

## 5.9. Explanation of reel numbers at LEIPA Georg Leinfelder GmbH

The reel numbers are composed as follows:

### Reel label

18 5 22 089 43

18	Production year 2018
5	Paper machine 5
22	Production week CW 22
089	Roll number (parent roll)
43	Reel number (set + position)

### Removable label (14-digit barcode/IFRA barcode)

18 5 22 089 43 1692

18	Production year 2018
5	Paper machine 5
22	Production week CW
089	Roll number (parent roll)
43	Reel number (set + position)
1692	Manufacturer' s code

### Removable label (18-digit barcode)

71 160 1750 2366 0 8427

71	Paper type (Groupement ondule code)
160	Grammage g/m <sup>2</sup>
1750	Reel width mm
2366	Reel weight kg
08427	Run length in m

All measurements stated are guide values. Variations, which occur during production processes using natural resources, should be taken into consideration. Quality assurance is in accordance with DIN EN ISO 9001. An environment management system in accordance with DIN EN ISO 14001 is also used.