



Premier Coating Division

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Cc:  
From: Joerg Weidauer  
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Subject: Call for papers, Extended Abstract

### **Slide Curtain Die technology; what you need to know**

Slide Curtain Die technology, known as well as Curtain Coating technology is widely used and is a well-known coating technology in the converting industry. Although it is well known, it is of interest to compare aspects of application parameters with other existing coating technologies.

Benchmark criteria based on few coating parameters will help you understand the benefits of this powerful technology and whether your business can benefit from its unique enabling capabilities. This will help you to judge whether this technology will bring you new product opportunities respectively new market opportunities to your current business.

The awareness of coating techniques and technologies is required. Coating principles as pre-metered or self-metered application technology, Layer thickness, functional features of layers and its precision in coating uniformity are important aspects. Knowing the fluid flow characteristics, the precision in manufacturing and assembling the Curtain Die technology is important to receive the expected high end quality.

In discussing and introducing specific technical criteria like as viscosity, line speed, layer thickness, coating uniformity and number of layers will help to compare it with other coating technologies. As technologies are competing a ranking system along the defined criteria is needed.

This presentation should help to inform you whether this technology may be suitable for your application and what advantages you could expect. By knowing this, the Curtain Coating technology is already in use on various production lines which serves markets like the paper industry, the furniture industry, the label or tape industry, etc.

While introducing cases of market players who converted their production lines by using Curtain Coating technology, you may compare your current application situation with theirs.

Finally, based on this approach, you should be able to evaluate and to determine if Curtain Coating Technology could be the approach that enables your business to accelerate its position in your respective markets and industries.