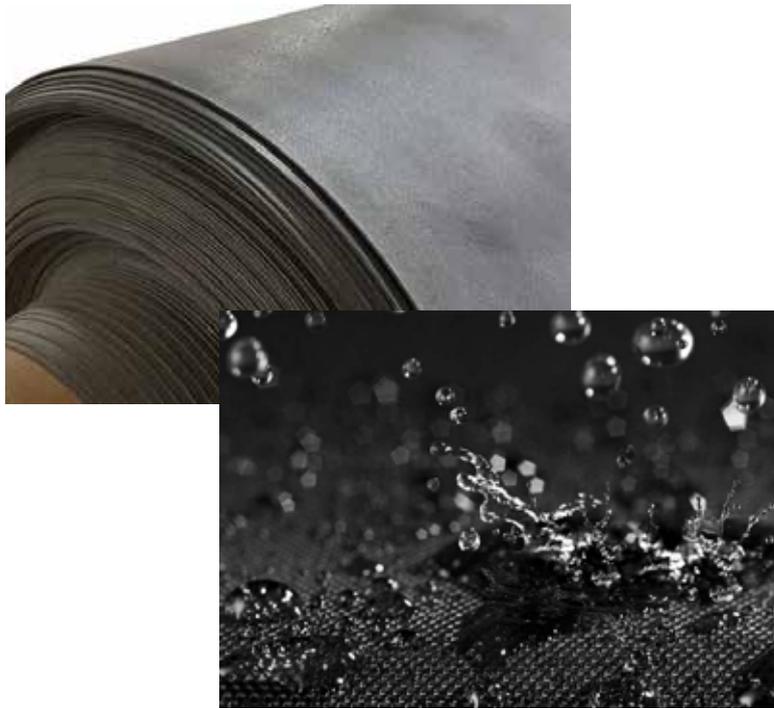


Automatic Quality & Process Control for Bitumen Waterproofing Membranes

Bitumen Membranes



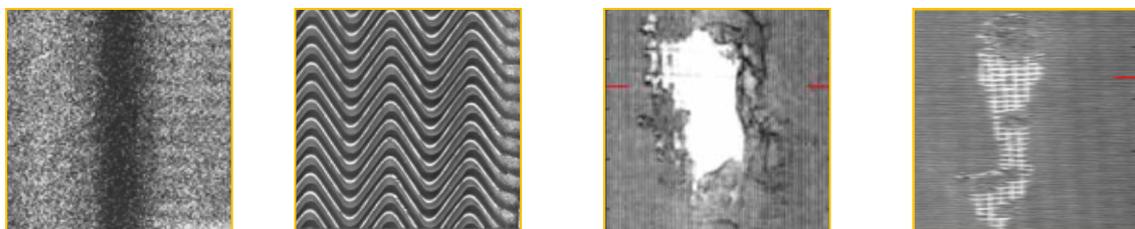
Typical membrane defect check list

- Condition of coatings
- Granular loss
- Punctures
- Cracks / Alligatoring
- Blisters / Fishmouths
- Ponding
- and many more...

Highest quality for roofing membranes

Dr. Schenk EasyInspect and EasyMeasure are intelligent, state-of-the-art automated optical inspection solutions for bituminous waterproofing membranes. These membranes consist of a variety of fiber materials and liquids, rendering them waterproof. EasyInspect and EasyMeasure help control the quality of the membranes as they are being produced: faulty production is identified quickly and can be remedied, preventing costly waste and customer complaints.

The Dr. Schenk inspection systems are IP65 compliant, guaranteeing smooth operation in demanding production environments.



YOUR BENEFITS

100% gap-free inspection of membranes for

- holes
- thick areas
- fuzz balls
- wrinkles

Monitor bitumen impregnation of membrane material

- homogeneity
- inclusion of foreign particles
- gaps in impregnation

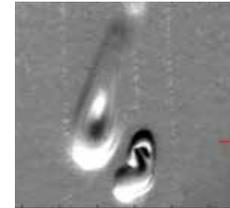
Manual/automatic feedback of defect information to production line

- adjust process parameters
- keep process in production window
- allow your yield to approach 100%

100% storage of production data

- quality analysis
- review results, identify weak points in the production chain

Internal and external quality documentation



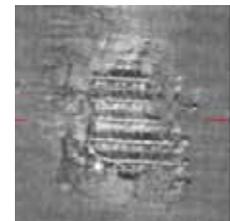
Bubble



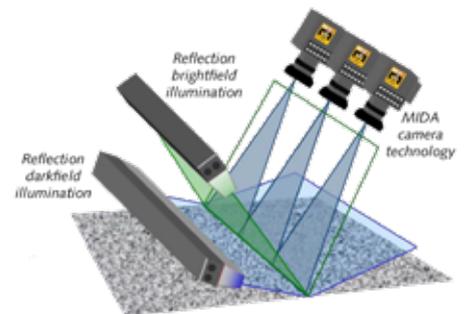
Dent



Missing layer



Tear



Dr. Schenk MIDA (Multiple Image Defect Analysis) configuration: single row of cameras, multiple illuminations

About Dr. Schenk

Dr. Schenk GmbH offers inspection and measurement solutions for automated quality assurance and production process control - a key success factor in the making and converting of many materials, e.g. plastics, textile materials, nonwovens, paper, metal, or glass, for a multitude of markets like display glass, automotive, packaging, medical, renewable energy, and many more. From modular standard units to highly customized systems – Dr. Schenk's solutions have your material in focus!

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