ONLINE THERMOGRAPHY FOR DETECTION OF HIDDEN ADHESION WEAKNESSES

Problem
Hidden sub-surface defects and adhesion weaknesses should be non-destructively recognized during the current production process.

Solution
Online thermography makes it possible to examine materials for sub-surface defects and adhesion weaknesses very quickly and over a wide area.

Technical Implementation
With a heat source mounted transversely to the conveyor equipment, flat material for testing can be warmed very quickly and uniformly. A thermographic camera then records the heat image of the surface treated and visualizes defects and adhesion weaknesses.

Result
This thermographical examination can be used either for production quality control or manufacturing control purposes.