

New DIN 2304 standard "Adhesive bonding technology – Quality requirements for bonding processes"

A few days ago, the new DIN 2304 standard was released by an expert group comprising adhesive manufacturers, adhesive users and scientists. This means that industry now has another important tool for assuring the quality of bonding processes.

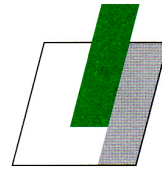
Adhesive bonding is recognised today as an innovative and reliable joining technique which, not without reason, has assumed the mantle as the joining technology of the 21st century.

A study recently published by the NMI* describes adhesive bonding as an established, environmentally compatible joining method having high scope for value creation and having clear competitive advantages over other joining techniques.

From a technological viewpoint, the use of innovative adhesive systems allows components to be manufactured from an almost unlimited number of combinations of different materials. Besides the actual joining function, additional functionalities can also be integrated into modern adhesives – such as electrical and thermal conductivity – making them, for example, integral materials for the development of products such as smartphones and tablets.

The dynamic developments taking place in modern adhesive bonding technology are due, amongst other things, to focused establishment and expansion of system partnerships within the adhesive bonding process chain, to the interdisciplinary research community and to effective workforce training in adhesive bonding technology.

The new DIN 2304 standard "Adhesive bonding technology – Quality requirements for bonding processes" specifies the requirements for manufacturing effective, quality-assured, structural/load-bearing adhesively bonded joints to meet well-defined safety classes. Due to this new standard, workforce qualification will from now on be a mandatory element and therefore an integral part of controlled bonding processes.



Companies who work according to this standard do so in the knowledge that they are operating according to the adhesive bonding state-of-the-art.

This initiative – which is at present still confined to Germany – prospectively has both a Europe-wide and global dimension.

* NMI – The Natural and Medical Sciences Institute (NMI) at the University of Tübingen
Sicheres Kleben – Herausforderungen in der klebtechnischen Praxis,
Astrid Wagner, Alfred Stett
Reutlingen, March 2015

More Information: www.klebstoff-presse.com

Düsseldorf, 12.10.2015

We will inform you:

Industrieverband Klebstoffe e. V.
Ansgar van Halteren
Völklinger Str. 4
40219 Düsseldorf
Tel. 0211/67931-10
Fax 0211/67931-33
info@klebstoffe.com
www.klebstoff-presse.com

IVK-Presseteam
c/o Dülberg & Brendel GmbH
Am Wehrhahn 18
40211 Düsseldorf
Tel. 0211/64008-0
Fax 0211/64008-23
hallo@duelberg.com
www.klebstoff-presse.com