

Jowat® Primer 406.82/84



New primers free of NEP for window profiles
No hazard labelling required
reduced VOC content
RAL-GZ 716 certified

New primers free of NEP and VOC-reduced 406.82 and 406.84 for window profile wrapping

The new NEP-free, VOC-reduced **Jowat® Primer 406.82** and **Jowat® Primer 406.84** were developed especially for PVC window profile wrapping.



Due to the new classification of NEP (N-Ethyl-Pyrrolidone), compounds containing NEP are no longer classified as “irritating” since 2015, but as “health hazard” GHS08 and with the H phrase 360 “May damage fertility or the unborn child”. The inclusion of NEP in the list of candidates of REACH is imminent. Primers containing NEP can still be sold, but **Jowat® Primer 406.82 or 406.84** support implementing the substitution requirement of the law on hazardous substances, and replace primers containing NEP – an additional benefit.

The new generation of VOC-reduced primers for PVC window profile wrapping is already successfully used in serial production by our customers. This product group assures a long-range success and is currently unmatched on the market, especially due to the absence of labelling restrictions and its very good processing characteristics.

The new primers provide a more even and smooth surface because the PVC is less likely to dissolve and the related swelling effect is reduced, especially when using so-called “smooth foils” that are gaining market shares. Additionally, the clearly lower retention of primer residues in laminated PVC window profiles eliminates the risk of subsequent blistering or foil damage.

Primer drying is important for successful bonding. Please observe:

- Hot air blower with an adequate air flow
- Maximum surface temperature of the substrate in the drying area: 55 °C
- The substrate surface must be dry, dull, matt and tack-free after drying.

The advantages of **Jowat® Primer 406.82** and **Jowat® Primer 406.84** certified according to RAL-GZ 716, in connection with the adhesives **Jowatherm-Reaktant® 604.20** and **604.25**, are essentially the following:

- No labelling as hazardous substances.
- No softening function like primers containing NEP or NOP
- Process window larger (application amount) – comparable with MEK primers
 - Same application characteristics independent of application by felt or vacuum technology
- Minimal primer residue on the PVC profile after drying
 - makes dryness check of primer coating much easier
- No stripes on PVC profiles with foil lamination through felt application
 - Smooth foil lamination
- Contains UV marker for quality inspection



The information given in this leaflet is based on test results from our laboratories as well as on experience gained in the field, and does in no way constitute any guarantee of properties. Due to the wide range of different applications, substrates, and processing methods beyond our control, no liability may be derived from these indications nor from the information provided by our free technical advisory service. Before processing, please request the corresponding data sheet and observe the information in it! Customer trials under everyday conditions, testing for suitability at normal processing conditions, and appropriate fit-for-purpose testing are absolutely necessary. For the specifications as well as further information, please refer to the latest technical data sheets.