

Title (en)

CURL-RESISTANT BACKSIDE COATING LAYER FOR ABRASIVE PAPER

Title (de)

RÜCKSEITENBESCHICHTUNG ZUM VERHINDERN DES VERWICKELNS VON SCHLEIFPAPIER

Title (fr)

REJETEMENT DE FEUILLE DE SUPPORT RESISTANT AU RECOUILLEMENT POUR PAPIER ABRASIF

Publication

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Application

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Abstract (en)

[origin: WO0015389A2] A curl-resistant backside layer for an abrasive paper which includes a surfactant-free, film-forming, carboxy group-containing latex polymer. The latex polymer may be ammonia- or amine-dispersed and the curl-resistant backside layer additionally may contain a crosslinking agent. Also provided is a curl-resistant abrasive backing which includes a polymer-reinforced paper having a first surface and a second surface; a synthetic polymeric layer bonded to the first surface; and a surfactant-free, film-forming, carboxy group-containing latex polymer layer bonded to the second surface. Further provided is a curl-resistant abrasive paper which includes a polymer-reinforced paper having a first surface and a second surface; a synthetic polymeric layer bonded to the first surface; a layer of abrasive particles bonded to the synthetic polymer layer; and a surfactant-free, film-forming, carboxy group-containing latex polymer layer bonded to the second surface. In both the abrasive backing and the abrasive paper, the latex polymer may be ammonia- or amine-dispersed and the latex polymer layer may contain a crosslinking agent. The layer also may contain particles to impart antislip properties to the layer.

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