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[\[Creativity\] Taiwan Paper Manufacturer Invents Environment Friendly Stone Paper](#)

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The Liberty Times (2011/06/11) A paper manufacturer in Tainan invents an environment friendly material, stone paper, and obtains its patent in over forty countries. The books printed with stone paper look similar to the ones with ordinary art paper. The only difference is that the touch of stone paper is slightly softer; the non-expert people cannot easily tell the difference.

The company says, the main raw material of stone paper is limestone. Besides, unlike the production of concrete that needs a large amount of limestone, the production of stone paper only needs the lime scraps, which are made into stone powder, namely, calcium carbonate, and processed together with non-toxic resin.

The company says, although certain manufacturer in Germany and Japan have similar technology, but their technology can use the best about 20% of calcium carbonate, whereas the company's paper uses between 55% to 85% of calcium carbonate. Now the company's market has reached Europe, America, Japan and China.

Besides, the resin used for the paper is biodegradable under the solar ultraviolet rays and the production needs no water, comparing to the ordinary paper production which needs four tons of wood pulp for one ton of paper. The material is rather eco-friendly.

Reference:

[The Liberty Times 2011/06/11](#) (Chinese)

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[National Science Council International Cooperation Sci-Tech Newsbrief](#)

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