

NEW ANILINES.

VICTORIA BLACK B. (Patented). This new one dip Black promises to be of great value in wool dyeing, and will eventually, when the manufacturers are able to reduce the price a little, replace logwood altogether. The color is dyed in one bath with sulphuric acid and glauber salts, and is very fast to air, light, scouring, sulphur, alkali and acid; all goods dyed with this color can therefore be carbonized. Victoria Black B. penetrates the fibre thoroughly, and dyes even without difficulty. It produces alone, a fine blue-black, which can be easily turned to a full jet-black by the addition of a little fast acid yellow in the dye bath.

Half-wool. In dyeing goods containing cotton, the wool alone takes the color, the cotton will not be tinged in the dye-bath and can be topped with any bright color going on direct or requiring tannin as a mordant, and dye such colors magenta, methyl-violet, saffranine and brilliant green, etc. Feathers are dyed same as wool.

Leather can be dyed at 104 F. a full navy-blue with the aid of sulphuric acid, and black is obtained with the addition of yellow Y. or croceine orange G. Victoria Black can be dyed in tin, copper or wooden dye vessels.

It is patented and manufactured only by the Farbenfabriken, Vormals, Friedr. Bayer & Co., Elberfeld. For samples, particulars and prices apply to the Dominion Dyewood and Chemical Co., Toronto.

Benzo-Indigo-Blue. (Patented). This color, which has just been placed on the market, dyed cotton without a mordant, a full shade of blue without a reddish tinge in an alkali bath, and even keeps its greenish blue tinge when looked at by gas light. The shades produced by benzo-indigo-blue are very resistant to light, air, scouring, and are not changed by either acid or alkali. Warm temperature does not alter the shade, which is the fault with some analogous dyestuffs (benzidine color), which turns reddish on being exposed to heat. This new color is especially recommended for obtaining full saturated indigo shades on cotton when either dyed as a self color or for bottoming purposes and subsequent topping in the indigo bath.

As the color is equal, if not faster than indigo, and is dyed at one dip at a less cost, producing better and cleaner results, it is certain, before long, to take the place of the dye that has been used for centuries to dye dark blues on cotton.

For further particulars apply to the Dominion Dyewood and Chemical Co., Toronto, sole agents for the manufacturers and patentees, the Farbenfabriken, vorm Friede, Bayer & Co., Elberfeld, Germany

THE E. B. EDDY COMPANY.

In their new venture the E. B. Eddy Company, of Hull, Que.; near Ottawa, are surpassing themselves. Mr. Eddy's success in indurated fibre ware, sulphite, matches, etc., is so well known that it needs no repetition, but the latest success, the manufacture of woodboard, surpasses all, and promises to result in an industry of incalculable good to Ottawa.

The company have moved the smithy to a new building, and raised the roof of the vacated building and of the wood-pulp mill a storey. All the machinery from the sash, door and blind factory has been removed, and what was formerly three buildings will now become one, and will be known as "The Eddy Company Hull Paper Mill, No. 2." In these buildings two Eiler grinders, from the Rochester Paper Company, have been put in, with a capacity of five tons per day, and also one large Eiler screen. The wet machine is made by the Bagley and Sewell Company, and the Black & Clawson Company furnish the dryers and calenders for the wood-board, which will be used by the Eddys chiefly for the manufacture of heavy pasteboard quarter-gross boxes, to be used for packing their matches and to supersede the present more cumbersome wooden slide boxes. The cutting and scoring machines, and the press for printing these boxes, is furnished by the Galley Press Company, of New York. J. L. Morrison & Company furnish the machines for stitching these boxes. There is also in this room one of Sheridan's best "Auto" cutters. The Union Machine Company, of Fitchburg, Mass., furnish a six-cylinder tissue machine, with the Pusey & Jones screen. The machine is seventy-five feet in length, and will turn out no less than six tons of paper per day. It is capable of producing first quality tissue manilla, and also manilla wrapping and white wrapping papers.

In No. 2 mill the upper storey will be used for packing and sorting the papers.

The Eddy Company here show their enterprise, as on the premises they make the beating engines and pumps, also a good deal of the necessary machinery usually brought from outside, this work necessitating the employment of a good deal of skilled labor. The company are able to do this, as they have their own planing mills,

blacksmith and machine shops on the premises in full running order.

The extensive sawing machinery of the large saw mill has also been removed, and the roof raised from end to end twenty-seven feet, the whole 158 feet long. By an ingenious arrangement of the sheathing on the inside of this building, the light is thrown directly down. In this mill will be placed sixteen Rodney Hunt's new turbine water wheels, which are found to be the best and cheapest for the full and economical utilization of water power, and are also less liable to choke with bark and anchor ice than any other wheel. Here will also be placed six Scott & Roberts' New England grinders, with a capacity of fifteen tons of pulp daily. The company themselves will make twelve or fourteen 1,200-lb. beating engines. The Union Machine Company are now building a 96-inch Fourdrinier machine, 138 feet long, with eighteen dryers and a double set of calenders and super-calenders for finishing the finer stock. It is expected that manilla paper will be turned out in about a month, and that before Christmas newspaper will also be manufactured. Machinists and experts, who have so far had an opportunity of seeing the works, say that the situation is one of the finest possible for the industry.

In the indurated fibre-ware factory so heavy have the orders been that the company are now seven car loads behind their orders, and from the first week in February have been running day and night gangs. As soon as these orders are caught up to, this industry will be shut down for the purpose of putting in more extensive machinery, doubling or trebling the capacity.

The pulp and paper march of this company to its present state has been a rapid one, as following the indurated fibre ware they made ground wood pulp, and, feeling confident of success, they then started the sulphite works, and now have probably the most successful plant in existence, turning out from their four large digestors thirteen tons every working day. They are now combining the manufacture of chemical and mechanical pulp, and a little cloud looms in the distance, when the manufacture of all classes of paper will be an established, and, needless to say, a successful fact in Hull.

All three industries are of the utmost importance to Ottawa, employing, as they will, many skilled workmen in the several branches. The proposed bridge across the Ottawa will strike the north-east corner of the company's yard, whence a short siding will connect with their private line in direct communication from their mills, giving excellent shipping facilities.

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