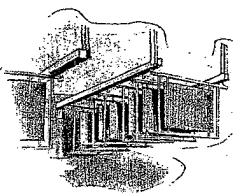


Why black is not considered most efficient for walls and ceiling of X-Ray developing room



THE opinion has been expressed that "the business of a dark room is to be dark"; that "every surface of a dark room should be black and lustreless." But should it?

The dark or developing room in the X-Ray group depends upon artificial light for its illumination. Most of the time the operator works under ordinary white light. During the remaining period he is under a dim light, usually red.

Black vs. violet-red

The lustreless black once specified for a dark room shows a maximum light reflection of only about 3% of the artificial white light thrown against walls and ceiling. On the other hand, the violet-red often recommended for this room reflects about 35% of the white light.

Under the red light, black side-walls and ceilings reflect probably a fraction of 1% of the light, whereas the proper shade of violet-red, corresponding as nearly as possible to the color of the red light, reflects

12% or more of the red light it receives.

Here then is a more efficient color for the developing room—a color that is often recommended and used also in the fluoroscopic room. And in the eye, ear, nose and throat room of the hospital as well.

The suitable shade of violet-red in the developing room creates a lighter and brighter place which helps to increase the operator's efficiency without damaging sensitive plates. In the fluoroscopic room this shade does away with the gloomy, black-painted walls and ceiling which have a depressing effect on operator and patients alike. Many hospitals have done away with black.

Care in color selection

The selection of the proper colors for these rooms and of the correct shades of the colors shows anew the necessity for careful consideration of every room in your hospital.

Factors of illumination, room size, the use of the room, vary constantly. Conditions governing the

use of color differ in all hospitals and in the several sections of a single hospital.

How to obtain colors

One fact you can be sure of is that any desired color can be obtained exactly with flat paint made of Dutch Boy white-lead and Dutch Boy flattening oil. This paint is mixed and tinted specially for every job. It gives long-lasting, economical finishes which can be washed as often as necessary.

A color department at your service

If you desire help in selecting color treatments, you can get it from our Department of Color Research and Decoration. This department, headed by specialists who have made a study of hospital conditions, will make at your request a thorough analysis of your problem and aid you as it has hundreds of hospital superintendents and architects. Simply address the Department in care of our nearest branch.



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