

Versatility and efficacy also for restoration of our architectural heritage

The versatility and the multitasking potentials of Rigo® equipment are now more evident than ever. With its instrumentation, the company has participated in the yearly ColorAid ethical construction and solidarity project dedicated to upgrading third-sector hospitality structures through colour – and which this year entailed renovation of the old Mirasole Abbey located in the municipality of Opera, in the province of Milan. This thirteenth-century complex is of inestimable historical, architectural



and monumental value. It has uninterruptedly played a crucial social, supportive role as a provider of aid and hospitality. Indeed, the Abbey currently hosts small families facing temporary housing difficulties, and it works toward economic recovery and social inclusion for its guests. Important work was carried out on



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Use of Rigo® equipment for an architectural project of excellence... ColorAid 2020 for the thirteenth century Mirasole Abbey. Let's discover the project's merits, with the help of Giovanni Napolitano.

two bodies of this complex: refurbishment of the outer facing and of the interiors. The work was coordinated and led by Giovanni Napolitano, in agreement with the Superintendence for Architectural Heritage (Soprintendenza per i Beni Architettonici). Let's ask him about the project and its technical aspects.

Can you explain how the Rigo® equipment was used during the restoration work on this historical building? On the external facing of the larger body we applied the silicates-based fixative by spray, because this enabled distribution on the support of the quantity of product needed, i.e. as much products as the wall could absorb. In this case, Rigo® equipment enabled homogeneous application. It speeded up the process greatly because, practically speaking, only

On the facing page, above right, the MULTIRIGO TMR 180E turbine; to the right, the ACT-S gun, from the HVLP PRO airbrushes series; below, an artisan wears KOMBI (last-generation, full range of accessories)

Work has been interrupted due to the Covid-19 emergency; it will be completed as soon as possible.



INFORMAZIONE COMMERCIALE

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spraying took place. Brushwork was limited to finishing. Even the paint on the skirting of the small facing was sprayed. We achieved a 'strollato' effect ('strollato' being a finishing plaster with rough effect consisting of a cement binder layer and fine gravel). Hence, with the Rigo® system, we could easily penetrate the cracks and the very rough and uneven texture of the support, ensuring perfect end-results. Furthermore, we spray-painted more than 40 shutters and the eaves of the large facade, in

addition to all the iron grates of the windows of the main facade. For the interiors – still to be completed –, Rigo® machines shall be used for the iron bed structures and the fan coils, as well as for painting the wainscots or skirting in wood.

Which Rigo® models did you decide to use for the restoration work? And why?

To apply the fixative and paint the skirting, with the 'strollato' effect, we used KOMBI – a remarkably

RIGO® SANITARY , FOR SANITIZATION – AS POST COVID-19 'KICKS IN'

Further confirmation of how amazingly versatile Rigo® equipment can be! Faced with such an emergency as this, one approach is to repurpose Rigo® equipment to sanitize environments. Sanitization is vital if we are to eliminate Covid-19 and start up our activities once more.

By providing turbines and spraying equipment, and fostering an awareness of such repurposing of Rigo® products, our dealers could play a key role in the efforts of us all to 'start over'.

Companies specialised in disinfection and sanitization of environments have field tested the equipment with the highest performance ratings, used alongside other articles recommended by Rigo®. The equipment has been judged excellent, thanks to its very fine atomizing action and performance. Rigo®.... because together we can beat this virus!



convenient, flexible, practical, user-friendly tool, featuring TMR180E and the latest generation ACT airbrush complete with accessories, wheels, frame, shoulder strap and broad-diameter tubes. This machinery has the advantage of a very large tank (users refill it less often). The gun can be aimed in all directions. It's decidedly user-friendly and practical thanks to the winding hose. It is also ergonomically wearable. Using MULTIRIGO TMR 180E, which is a most powerful and sophisticated working turbine, we finished painting all the shutters in half a day (amazing speed in applying all coatings, even the most dense and difficult to handle!). In addition, MULTIRIGO TMR 180E includes a radio control function specifically designed to remotely adjust motor power (a fundamental feature not

only when working on ladders and scaffolding but also for operations at ground/floor level).

In the field of restoration of architectural works, even when of historical significance, why - or, rather, thanks to which characteristics - do spray systems display their advantages in terms of efficiency? One of the strengths of these machines is the fact that you can adjust the spraying power capacity, to obtain the desired pressure at all times. The gun controls also enable you to direct the jet and manage quantities in order to spray with maximum precision. This is fundamental where aerosol effects can create big problems, placing at risk surrounding artefacts and supports. Furthermore, in the field of conser-

vation of heritage works, the Rigo® system is good for working on or cleaning stone. By spraying, you are able to use the correct quantity even on rough and uneven surfaces, such as stonework, brickwork, friezes and (last but not least!) materials with which contact should be kept to the strictest minimum, while also minimizing waste. Lastly, very old wooden materials such as those of the eaves, which had not been treated for 60 years, absorb a great deal of the product. This creates application problems. However, by means of this spraying system, the desired quantities can be distributed uniformly and quickly. Conservation and restoration operatives may be unfamiliar with this type of tool. They would do well to consider the advantages and added value of spray technology within this ambit.



WORK INTERRUPTED DUE TO THE COVID-19 EMERGENCY. WHAT REMAINS TO BE DONE?

80% of the work on the building site has already been completed. Intervention on the facing has been completed, except for a small part of the smaller body, for which, in any case, the anti-damp treatment has been completed. The final stage of work on the facing of the larger body consisted in painting all shutters and doors. The portico, columns and lunettes have been cleaned and restored. Lastly, the work on the interiors was completed in the smaller body, including the walls with decorative finishes.

