RAPID FLOOR® offers the advantages of a smooth, joint-free surface and is an excellent alternative to double wood floor construction in new, multi-family residential projects. A six-person crew can pour up to 40,000 ft² (3,716 m²) in a single day, and floors can be walked on in as little as 2-4 hours after the pour, making Rapid Floor your tough, fast solution.

With Rapid Floor on the job, you’ll get speedy installation and a new, smooth surface ready for finished floor goods. But the benefits don’t stop there — you also get significant sound control and additional fire resistance.

RAPID FLOOR MEETS YOUR PROJECT CHALLENGES WITH:

- A smooth, tough surface that accepts nearly all floor coverings
- No shrink cracking
- Enhanced floor stiffness that reduces floor bounce
- A seal along perimeter walls that helps to keep out baseboard drafts
- Elimination of squeaks and nail pops common to wood underlayments
- Fire resistance
- Muffled sound transfer
- Compressive Strengths up to 2,200 (15.2 MPa)
The general contractor/project superintendent must supply mechanical ventilation and heat if necessary. These controls are often stored in damp conditions, building products may arrive on site laden with moisture that releases after installation. Outside sources such as rain, snow, wind, infestation of moisture from a variety of potential sources. Moisture can be introduced by other trades through spillage, tracked in mud and rain, plumbing leaks, etc. The general contractor/project superintendent must provide and maintain correct environmental conditions to keep the building clean and dry, and protect against moisture vapor barriers.

3. During construction, place temporary wood planking over vapor barrier.

4. Rapid Floor is not designed to be installed on or below grade, except over well-drained structural substrates.

5. Rapid Floor cannot resist stresses caused by structural movement.

6. The structural floor should be adequate to withstand design loads with deflection limitations of L/360. The structural subfloor and floor joist must both comply with manufacturers’ maximum span criteria. Typically a deflection limitation of L/360 is adequate for Rapid Floor Underlayments. Some floor coverings may require a stiffer floor system. Rapid Floor Underlayments are non-structural and therefore cannot be expected to reinforce structurally deficient subfloors. Necessary allowances should be made for expected live, concentrated, impact, and/or dead loads including the weight of finished floor goods and setting beds.

7. Additional consideration should be taken for concentrated/dynamic loads. U.S. building codes typically specify a uniform live load of 40 pounds per square foot for residential floor designs. This load is intended to account for large loads that may occur in a building. In reality these loads are not uniform, but rather consist of items such as furniture and appliances that actually induce concentrated loads for exceeding 40 pounds per sq ft. Rolling concentrated loads such as office chairs, wheel chairs, and motorized scooters add twisting, twirling, repetition, and other dynamics which should also be taken into consideration. Determining the appropriate structural design of the floor is not the responsibility of Rapid Floor nor the Rapid Floor applicator.

8. Rapid Floor should not be used for exterior application, or where it will come in prolonged contact with water.

9. Rapid Floor should not be directly applied to a plastic vapor barrier.

10. Rapid Floor Underlayments are “breathable” and not a vapor barrier. The general contractor/project superintendent, architect, specifier, or building owner shall test slabs-on-ground underlayments in accordance with the manufacturers’ specifications. Determining the appropriate structural design of the floor is not the responsibility of Rapid Floor nor the Rapid Floor applicator.

A material performance of all Rapid Floor Underlayments is similar. Visit www.rapidfloor.com or contact Rapid Floor Systems for reports.

For more info: 800-FLOOR-20 Email: info@rapidfloor.com www.RapidFloor.com

©2017 Maxxon Corporation. All Rights Reserved. Rapid Floor® Systems, Rapid Floor® and the associated logos are registered trademarks of Maxxon Corporation, Hamel, MN, USA. Printed in the USA, #60510, 4/17.