



Vladimir Yakushev. **«The target indicator of the volume of the housing input will remain unchanged»**

A final panel was held on the results of the activities of the Ministry of Construction, Housing and Utilities of the Russian Federation for 2018. The editors publish some theses from the report of the head of the Ministry of Construction, Housing and Utilities of the Russian Federation Vladimir Yakushev (p. 7).

MATERIALS

Gianluca Sbrana. **LB Officine Meccaniche S.p.A. is a leader in technologies of dry solutions production**

This company was founded in 1973 in the Sassuolo area (Modena, Italy) and quickly became the world leader in the design and manufacture of complete powder processing plants (p. 10).

«Allowed for allergics» – hypoallergenic KGN Kalkglätte Natur putty

The quick mix company introduces new material – KGN Kalkglätte Natur as a part of its product line expanding (p. 12).

Yudin E. V. **Looking for a cure. Teplofom panels**

The creation of a universal construction solution is looking like the search for a philosopher's stone. However, in comparison to the explorers of the middle ages, our contemporaries have an extensive resource of applied knowledge and scientific technologies to create materials of a wider scope. Author is about the properties of Teplofom products (p. 14).

EQUIPMENT

Bukreev A. N., Bikbau M. Ya. **Optimal technological scheme for nanocements production**

This article considers the technological scheme of grinding process – main stage production of the nanocement, which is an optimization in energy and labor costs relative to the required particle size characteristics such as the fineness of grind, the grain structure (p. 17).

СОДЕРЖАНИЕ

Новости строительного комплекса 4

Владимир Якушев. «Целевой показатель объема ввода жилья останется неизменным» 7

МАТЕРИАЛЫ

Джанлука Сбрана. LB Officine Meccaniche S.p.A. – лидер в технологиях производства сухих растворов 10

«Разрешено для аллергиков» – гипоаллергенная шпатлевка KGN Kalkglätte Natur 12

Юдин Э. В. В поисках панацеи. Панели Teplofom 14

ОБОРУДОВАНИЕ

Букреев А. Н., Бикбау М. Я. Оптимальные технологические схемы для производства наноцементов 17

ТЕХНОЛОГИИ

Бикбау М. Я., Нефедов А. С., Адильбеков К. М., Карсыбаев Е. Б. Промышленное производство наноцементов в Республике Казахстан 28

Мартынова В. Б., Васильченко Г. М., Таран В. В., Лахтарина С. В. Энергоэффективные конструктивные решения в монолитном домостроении при комплексном использовании конструкционных легких бетонов 35

СОБЫТИЯ

Борисов Р. Н. Итоги конференции DRY MIX OPEN 2019 40

Копылов И. А. Форум фасадных инноваций Building Skin Russia 2019 – итоги и перспективы 43

TECHNOLOGIES

Bikbau M.Ya., Nefedov A.S., Adilbekov K.M., Karsibaev E.B. **Industrial production of nanocements in the Republic of Kazakhstan**

Nanomodification of Portland cement was mastered at the first enterprise «KazNanoCement» LLP, in the city of Nur-Sultan of the Kazakh Republic. The new technology is a promising direction for the development of cements in terms of a significant reduction in specific energy consumption, harmful emissions in the production of cements, provides new opportunities for improving technologies for the production of cement, dry mixes and concrete (p. 28).

Martynova V.B., Vasilchenko G.M., Taran V.V., Lakhtarina S.V. **Energy efficient design solutions of monolithic construction using structural lightweight aggregate concrete**

Statistical and comparative analysis of the structural exterior wall solutions in the residential building energy efficiency is brought in this paper. It was found that the thickness of the load bearing wall of normal weight concrete 0,250 m (option № 1) and thickness of structural lightweight aggregate concretes load bearing wall 0,150 m (option № 2), meets the modern requirements for energy efficiency building. Thus the thickness of reinforced lightweight aggregate concretes exterior wall reduces by 21% (p. 35).

EVENTS

Borisov R.N. **Results of DRY MIX OPEN 2019 conference**

On April 4, at the site of the Crocus Expo show within the framework of the MOSBUILD exhibition, the annual industry conference of Russian manufacturers of dry building mixes – DRY MIX OPEN 2019 was held. The magazine presents some of the findings from the conference (p. 40).

Kopylov I.A. **The facade innovation Forum Building Skin Russia 2019 – results and prospects**

In Moscow there was held the II Forum Building Skin Russia 2019 – it's the only Russian specialized platform where professionals working in the segment of the external envelope of building can discuss their problems (p. 43).



C O N T E N T S

Construction industry in focus 4

Vladimir Yakushev. «The target indicator of the volume of the housing input will remain unchanged» 7

MATERIALS

Gianluca Sbrana. LB Officine Meccaniche S.p.A. is a leader in technologies of dry solutions production..... 10

«Allowed for allergics» – hypoallergenic KGN Kalkglätte Natur putty 12

Yudin E.V. Looking for a cure. Teplofom panels..... 14

EQUIPMENT

Bukreev A.N., Bikbau M.Ya. Optimal technological scheme for nanocements production 17

TECHNOLOGIES

Bikbau M.Ya., Nefedov A.S., Adilbekov K.M., Karsibaev E.B. Industrial production of nanocements in the Republic of Kazakhstan 28

Martynova V.B., Vasilchenko G.M., Taran V.V., Lakhtarina S.V. Energy efficient design solutions of monolithic construction using structural lightweight aggregate concrete..... 35

EVENTS

Borisov R.N. Results of DRY MIX OPEN 2019 conference..... 40

Kopylov I.A. The facade innovation Forum Building Skin Russia 2019 – results and prospects..... 43